

March 10, 2005

**EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT
SECTION 313
TOXIC RELEASE INVENTORY
DATA QUALITY INSPECTION**

WHEELING CORRUGATING COMPANY
BEECH BOTTOM, WEST VIRGINIA 26030

TRI Fac. ID: 26030WHLNGROUTE

Facility Address

WV Route 2
Beech Bottom, West Virginia 26030

Investigation Date

February 3, 2005

Investigator

Troy Jordan, Region 3, Environmental Scientist



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
Wheeling Office - Methodist Bldg.
1060 Chapline Street, Suite 303
Wheeling, WV 26003-2995

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FINAL

DATE: March 10, 2005

SUBJECT: EPCRA Data Quality Inspection (CEI)
Wheeling Corrugating, Inc.
TRI ID. No. 2603WHLNGROUTE

FROM: Troy Jordan, Environmental Scientist
OECEJ, Wheeling Field Office (3EC00)

TO: Samantha Fairchild, Director
Office of Enforcement, Compliance and Environmental Justice (3EC00)

A Data Quality Inspection under EPCRA was performed by U.S. EPA Region 3 personnel of Wheeling Corrugating, Inc, EPCRA ID. No. 2603WHLNGROUTE, located in Beech Bottom, WV on February 3, 2005. Attached for your review is a EPCRA Data Quality Inspection report for the above referenced facility.

Please call me at (304) 234-0267 if you have any questions.

Attachment

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MEDIA REPORT

On February 3, 2005, the United States Environmental Protection Agency, Region III ("EPA"), Office of Enforcement, Compliance and Environmental Justice conducted an unannounced Data Quality Inspection under the Emergency Planning and Community Right-to-Know Act ("EPCRA"), as amended, 42 U.S.C. Sections 11001 et seq. (1986) of the Wheeling Corrugating Company (Wheeling Corrugating) Beech Bottom, WV facility. USEPA Inspectors Troy Jordan conducted the inspection. The facility was represented by Bud Smith, Director of Environmental Control, and Pat Smith, Environmental Engineer for Wheeling Pittsburgh Steel Corporation the parent company of Wheeling Corrugating. This report discusses EPCRA data quality issues and compliance with the Toxic Release Inventory (TRI) requirements by Wheeling Corrugating.

REGULATORY SUMMARY

Under Section 313 of EPCRA, businesses covered by specified Standard Industrial Classifications (SIC), employing more than 10 full-time employees, and manufacturing, importing, processing, or otherwise using any of the chemicals listed in Section 313 of EPCRA in amounts greater than the specified thresholds must report the release of these chemicals to the environment annually. The purpose of this reporting requirement is to inform the public about the releases and other waste management of EPCRA Section 313 chemicals in their communities and to provide the government with information for research and the development of appropriate regulations. Wheeling Corrugating employs more than 10 full time employees, operates under SIC Code 3479 and exceeds threshold quantities for several EPCRA 313 Chemicals. Wheeling Corrugating meets the criteria stipulated in EPCRA 313 making them subject to annual TRI reporting.

ON-SITE INSPECTION SUMMARY

EPA's data quality inspection was conducted at the Beech Bottom, WV facility on February 3, 2005. Credentials were presented to Pat Smith, Environmental Engineer, Wheeling Pittsburgh Steel. A general inspector's overview of facility operations was presented by Mr. Smith, followed by a detailed discussion of facility processes including air emissions, water discharges, waste generation and handling, safety orientation, and a site tour. Mr. Smith also provided process flow diagrams for each of the two coating lines (**Attachment A**).

Process Description

Wheeling Corrugating consists of two coating lines designated as Coil Coating Line #1 (CCL#1) and Coil Coating Line #2 (CCL#2) and a cold press fabrication department. Coiled steel from Wheeling Pittsburgh Steel is uncoiled, coated, and then pressed into corrugated steel sheets in several designs to meet customer specifications.

Coil Coating Line #1

- Steel Coil is cold rolled through a alkaline cleaning bath (phosphoric acid) to remove any residual oils from the coil. The coil then moves through a chromic acid coater to help coating adhesion to the steel coil. Galvanized steel coils bypass the chrome coater. Emissions are directly vented to a stack.
- Steel coil proceeds through a natural gas drying oven, which is also vented to a stack.
- Steel coil is run through a primer coater unit. Primer coating is applied to the steel coil. At the time of the inspection, fumes were sent to an incinerator. During the inspection the company was in the process of constructing a regenerative thermal oxidizer. When completed, the fumes from this process will be redirected to the new thermal oxidizer. The new unit is expected to be online by June 2005.
- Steel coil moves to a natural gas fired primer bake oven. Fumes from this process are sent to an incinerator, but will be redirected to the new thermal oxidizer in the future.
- Steel coil is cooled through the primer quench tank. At the time of the inspection, fumes were sent to an incinerator. The fumes will be redirected to the new thermal oxidizer.
- Steel coil is then run through the finish coater. Finish coat is applied to the steel coil. At the time of the inspection, fumes were sent to an incinerator. The fumes will be redirected to the new thermal oxidizer.
- Steel coil moves to a natural gas finish bake oven. At the time of the inspection, fumes were sent to an incinerator. The fumes will be redirected to the new thermal oxidizer.
- Steel coil is cooled through a finish quench tank. At the time of the inspection, fumes were sent to an incinerator. The fumes will be redirected to the new thermal oxidizer.
- Steel coil is recoiled and can then be sent to one of four lines depending on customer specifications. The painted coils can go directly to market, to a roof deck corrugating line, to a tensiform corrugating line, or to a fabricating department. All corrugating and fabrication is done by cold steel rolling or presses, so no other waste or emissions are created through this process other than lube oil for operating the machinery.
- Finally the steel is packaged and stored for shipment to customers.

Coil Coating Line #2

- Steel Coil is cold rolled through a alkaline cleaning bath (phosphoric acid) to remove any residual oils from the coil. The coil then moves through a chromic acid coater to help coating adhesion to the steel coil. Galvanized steel coils bypass the chrome coater. Emissions are directly vented to a stack.
- Steel coil proceeds through a natural gas drying oven, which is also vented to a stack.
- Steel coil runs through an enclosed coating room that is connected to a air supply fan.

The coater room is also connected by two exhaust fans. The first fan removes fumes to a curing oven. The second fan removes fumes through a heat exchanger to a natural gas fired thermal oxidizer.

- Steel coil moves to a natural gas fired three zone curing oven. The emissions from the oven move through a heat exchanger to a thermal oxidizer.
- Steel coil is cooled through a quench tank. An exhaust fan removes fumes from the quench tank to the heat exchanger and thermal oxidizer. All fumes and emissions from the thermal oxidizer are sent to a single stack.
- The steel coil is recoiled and sent to the same finishing lines as CCL #1, packaged, and stored for shipment to customers.

Emission, Waste, and Wastewater Evaluation

Emissions are created from the numerous volatile coatings and volatile solvents used to thin the coatings. These emissions are both fugitive and point source emissions. Wheeling Corrugating calculates these emission for their emission inventory per the Clean Air Act (CAA), as well as calculations for toxic release inventory (TRI) per EPCRA Section 313. Wheeling Corrugating provided their spreadsheets for reporting emission TRI data, as well as an emission inventory summary. See **Attachment B & C**.

Waste is primarily created through the clean out of coating operations when the company has to change coatings to meet customer specifications. The clean out involves solvents and paint/coating waste. These waste are manifested off-site as hazardous waste per the Resource Conservation & Recovery Act (RCRA) Subtitle C. Wheeling Corrugating is registered as a large quantity generator and reports waste operations through biennial waste summaries submitted to West Virginia. Wheeling Corrugating provided their spreadsheets for reporting waste TRI data, as well as copies of their biennial waste summaries. See **Attachment B & D**.

Wastewater is created from preparatory cleaning and quenching operations. Wheeling Corrugating operates a small wastewater treatment plant under a Clean Water Act (CWA) National Pollution Discharge Elimination System (NPDES) permit. The plant primarily treats the wastewater to remove zinc, iron, cyanide, chromium, copper and neutralize the acidic wastewater. Wheeling Corrugating provided their spreadsheets for reporting wastewater TRI data, as well as copies of their monthly monitoring reports under their NPDES permit. See **Attachment B & E**.

INSPECTION SUMMARY

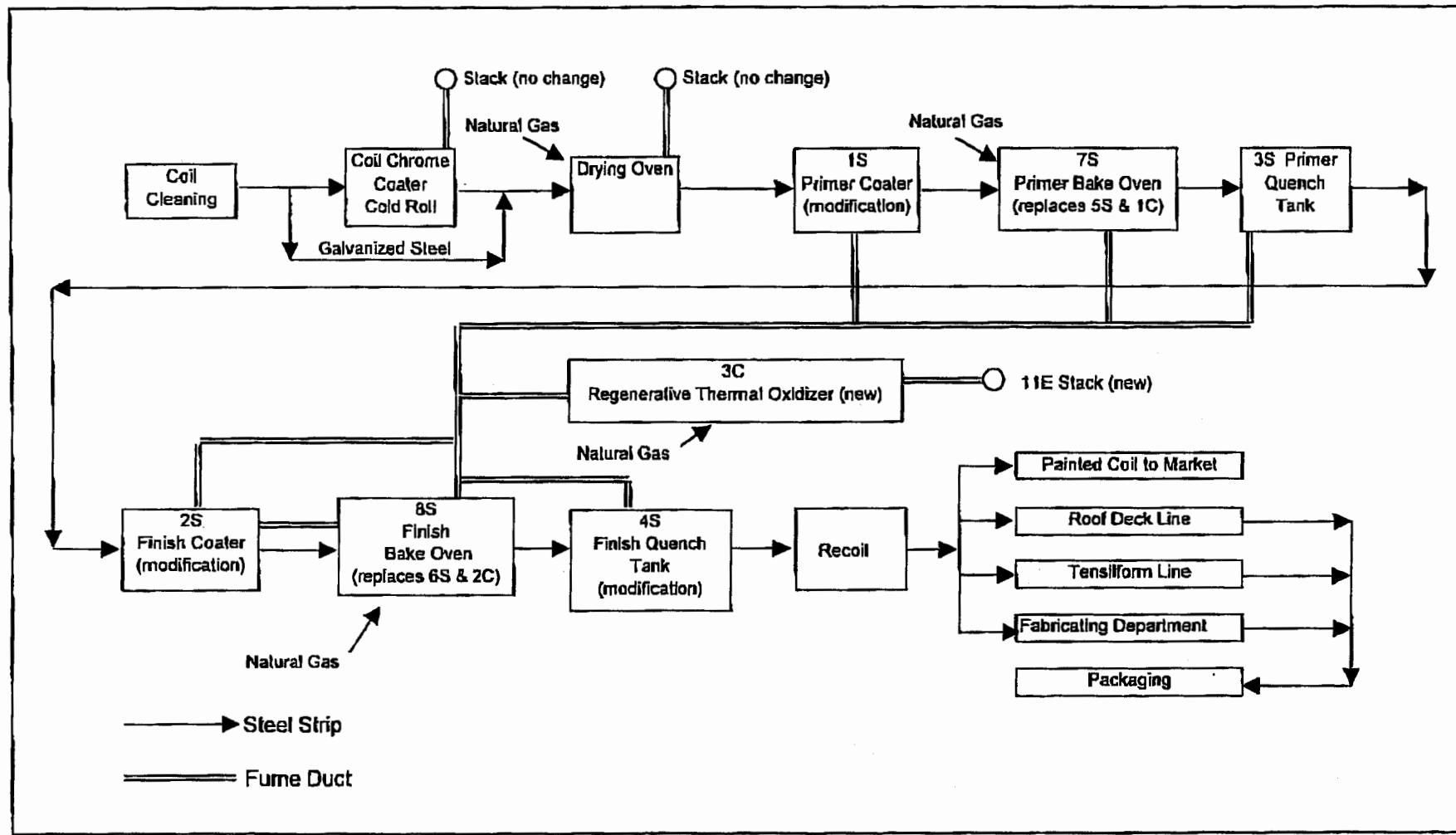
Although Wheeling Corrugating's reporting under RCRA, CWA, & CAA showed no significant deviation from reporting under TRI, there are still wide flux in the reporting from year to year in the facilities TRI reporting. TRI data was collected prior to the investigation through the EPA IDEA (**Attachment F**) database, which indicated significant differences in reporting from year to year and in particular for the 1999 and 2000 reporting years. During the inspection, Pat Smith and Bud Smith of Wheeling Corrugating were interviewed about the erratic trends in

reporting. Both gentlemen indicated that a number of factors surrounding the last several years have contributed to the companies TRI reporting. Wheeling Corrugating experienced a labor strike between October 1996 and August 1997. Wheeling Corrugating entered into bankruptcy in November 2000 and emerged from bankruptcy in August 2003. Wheeling Corrugating also receives all of its steel coils from its parent company Wheeling Pittsburgh Steel, which were experiencing the same conditions previously stated as well as lower demand for American steel in the world market. Bud and Pat Smith stated that these outside factors contributed to changes in production, products used, and company structure that could effect the overall reporting for TRI. While it can't be denied that these factors did have an effect that could show changes in TRI reporting, Pat Smith was asked to provide a written explanation for reporting changes for specific chemicals for the 1999-2002 reporting years. Pat Smith provided this information on February 28, 2005. These questions and explanations can be found in **Attachment G**, along with the TRI Form R's for 2001-2003. In conclusion, no findings were found during this TRI Data Quality Inspection.

ATTACHMENT A
Process Flow Diagram

Wheeling Corrugating Company
Beech Bottom Plant
Planned Changes to Coil Coating Line Number 1

with upcoming changes



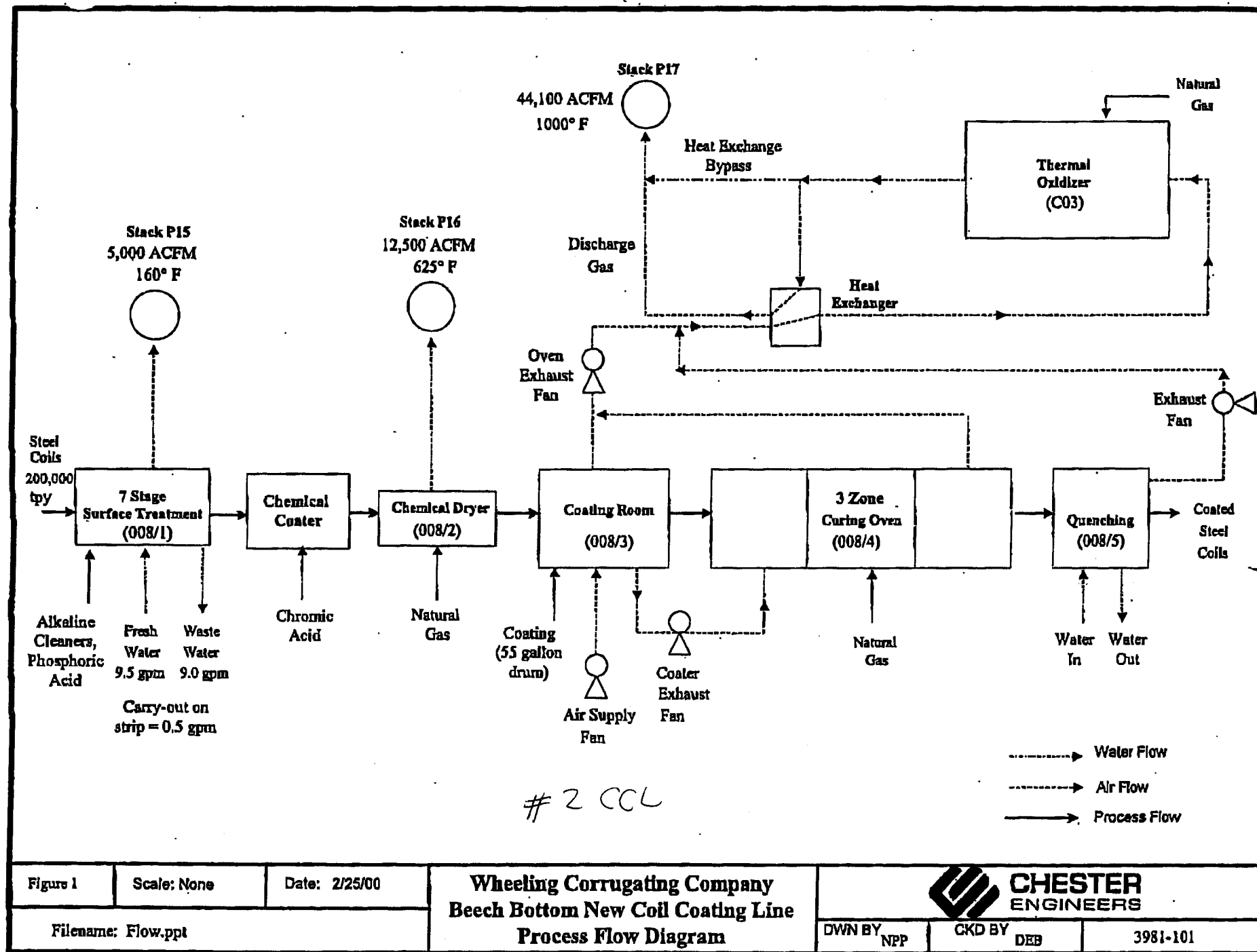


Figure 1

Scale: None

Date: 2/25/00

Wheeling Corrugating Company
Beech Bottom New Coil Coating Line
Process Flow Diagram



CHESTER
ENGINEERS

DWN BY NPP

CKD BY DEB

3981-101

ATTACHMENT B

Wheeling Corrugating SARA Title III Section 313 Release Inventory
2001-2003

2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY

Prepared for:
WHEELING CORRUGATING COMPANY - BEECH BOTTOM PLANT
Route 2
Beech Bottom, West Virginia 26030

Prepared by:
Wheeling-Pittsburgh Steel Corporation
Environmental Control Department

Contents of Spreadsheet:

Facility Section 313 Chemicals and De Minimis Concentrations

Quantities of Section 313 Chemicals in Materials Manufactured, Processed, and Otherwised Used

Corresponds to Form R Sections:
5.1 Fugitive or Non Point Air Emissions
5.2 Stack or Point Air Emissions

Corresponds to Form R Section:
5.3 Discharges to Receiving Streams or Water Bodies

Corresponds to Form R Sections:
5.4 Underground Injections On-Site
5.5 Releases to Land On-Site
6.2 Transfers to Other Off-Site Locations (Production-Related Disposal Sources Only: Codes M10, M71, M72, M73, M79, M90, M94, & M99)

continued

**2000 SARA TITLE III - SECTION 313 - RELEASE INVENTORY
WHEELING CORRUGATING COMPANY - BEECH BOTTOM PLANT**

**Contents of Spreadsheet
(continued)**

Corresponds to Form R Sections:

8.1 Quantity Released (Sum of Worksheets C, D, & E)

Corresponds to Form R Sections:

6.2 Transfers to Other Off-Site Locations (Production-Related Energy Recovery Sources Only:
Codes M56 & M92)

8.2 Quantity Used for Energy Recovery On-Site

8.3 Quantity Used for Energy Recovery Off-Site

Corresponds to Form R Section:

6.2 Transfers to Other Off-Site Locations (Production-Related Recycle Sources Only: Codes M20,
M24, M26, M28, & M93)

8.4 Quantity Recycled On-Site

8.5 Quantity Recycled Off-Site

Corresponds to Form R Sections:

6.1 Discharges to Publicly Owned Treatment Works

6.2 Transfers to Other Off-Site Locations (Production-Related Treatment Sources Only: Codes
8.6 Quantity Treated On-Site M40, M50, M54, M61, M69, & M95)

8.7 Quantity Treated Off-Site

Corresponds to Form R Sections:

6.2 Transfers to Other Off-Site Locations (Non-Production Related Releases to Land and Energy
Recovery, Recycle, and Treatment Sources Only)

8.8 Quantity Released to the Environment as a Result of Remedial Actions, Catastrophic Events, or
One-Time Events Not Associated with Production Processes

Corresponds to Form R Sections:

8.9 Production Ratio or Activity Index

**WHEELING-PITTSBURGH STEEL CORPORATION
BEECH BOTTOM PLANT
SUMMARY OF 2000 AND 2001 REPORTING YEARS
SARA SECTION 313 REPORTING QUANTITIES**

REPORTABLE CHEMICAL	Total Releases^(1,2)		
	2000	2001	Change
Chromium Compounds	NA	11	NA
Glycol Ethers	14,354	37,961	164.46%
Ethylbenzene	NR	10,166	NA
n-Butyl Alcohol	18,465	18,853	2.10%
Naphthalene	8,694	8,101	-6.82%
Xylene	11,189	16,236	45.11%
Zinc Compounds	3,873	1,968	-49.19%
1,2,4-Trimethylbenzene	5,860	30,292	416.92%
TOTAL CHEMICAL QUANTITIES	62,435	123,587	97.95%

(1) All quantities are reported as pounds.

(2) Total releases includes all releases to the environment due to normal process operations. Transfers to POTWs and accidental, remediation, and one-time events are not included.

TABLE 3

**WHEELING CORRUGATING COMPANY
BEECH BOTTOM PLANT
SUMMARY OF 2000 VS 2001 REPORTING YEAR SARA SECTION 313 REPORTING QUANTITIES**

REPORTABLE CHEMICAL ⁽¹⁾	Fugitive Source Air Releases			Point Source Air Releases			Releases to Water Bodies or Streams			Transfers to POTWs		
	2000	2001	Change	2000	2001	Change	2000	2001	Change	2000	2001	Change
Chromium Compounds	NA ⁽²⁾	NA	NA	NA	NA	NA	6	3	NA	NA	NA	NA
Glycol Ethers	7,783	20,584	164.5%	6,571	17,377	164.45%	NA	0	NA	NA	NA	NA
Ethylbenzene	NR	5,513	NA	NR	4,654	NA	NA	0	NA	NA	NA	NA
n-Butyl Alcohol	10,012	10,223	2.10%	8,452	8,630	2.11%	NA	0	NA	NA	NA	NA
Naphthalene	4,714	4,393	-6.81%	3,980	3,709	-6.82%	NA	0	NA	NA	NA	NA
Xylene	6,067	8,804	45.11%	5,122	7,432	45.11%	NA	0	NA	NA	NA	NA
Zinc Compounds	NA	NA	NA	NA	NA	NA	81	213	162.63%	NA	NA	NA
1,2,4-Trimethylbenzene	3,177	16,425	417.00%	2,682	13,866	417.02%	NA	0	NA	NA	NA	NA
TOTAL CHEMICAL QUANTITIES	31,753	65,941	107.67%	26,807	55,668	107.66%	87	216	148.54%	0	0	NA

REPORTABLE CHEMICAL ⁽¹⁾	On-Site Other Releases			Off-Site Other Releases			Total Releases ⁽³⁾			COMMENTS
	2000	2001	Change	2000	2001	Change	2000	2001	Change	
Chromium Compounds	NA	NA	NA	NA	7	NA	NA	11	NA	
Glycol Ethers	NA	NA	NA	NA	NA	NA	14,354	37,961	164.46%	
Ethylbenzene	NA	NA	NA	NA	NA	NA	NR	10,166	NA	
n-Butyl Alcohol	NA	NA	NA	NA	NA	NA	18,465	18,853	2.10%	
Naphthalene	NA	NA	NA	NA	NA	NA	8,694	8,101	-6.82%	
Xylene	NA	NA	NA	NA	NA	NA	11,189	16,236	45.11%	
Zinc Compounds	NA	NA	NA	3,792	1,755	-53.72%	3,873	1,968	-49.19%	
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NR	NA	5,860	30,292	416.92%	
TOTAL CHEMICAL QUANTITIES	0	0	0.00%	3,792	1,762	-53.52%	62,435	123,587	97.95%	

(1) All quantities are reported as pounds.

(2) NA" indicates not applicable. NR indicates not reportable.

(3) Total releases includes all releases to the environment due to normal process operations. Transfers to POTWs and accidental, remediation, and one-time events are not included.

(4) Non production related releases includes accidental, remediation, and one-time events.

TABLE 3

**WHEELING CORRUGATING COMPANY
BEECH BOTTOM PLANT
SUMMARY OF 2000 VS 2001 REPORTING YEAR SARA SECTION 313 REPORTING QUANTITIES**

REPORTABLE CHEMICAL ⁽¹⁾	On-Site Energy Recovery			Off-Site Energy Recovery			On-Site Recycling			Off-Site Recycling		
	2000	2001	Change	2000	2001	Change	2000	2001	Change	2000	2001	Change
Chromium Compounds	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Glycol Ethers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butyl Alcohol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc Compounds	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TOTAL CHEMICAL QUANTITIES	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

REPORTABLE CHEMICAL ⁽¹⁾	On-Site Treatment			Off-Site Treatment			Non Production Related Releases ⁽⁴⁾			COMMENTS
	2000	2001	Change	2000	2001	Change	2000	2001	Change	
Chromium Compounds	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Glycol Ethers	182,627	167,875	-8.08%	NA	NA	NA	NA	NA	NA	
Ethylbenzene	NR	44,960	NA	NA	NA	NA	NA	NA	NA	
n-Butyl Alcohol	NA	83,374	NA	NA	NA	NA	NA	NA	NA	
Naphthalene	28,961	35,827	23.71%	NA	NA	NA	NA	NA	NA	
Xylene	46,532	71,803	54.31%	NA	NA	NA	NA	NA	NA	
Zinc Compounds	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2,4-Trimethylbenzene	150,045	133,960	-10.72%	NA	NA	NA	NA	NA	NA	
TOTAL CHEMICAL QUANTITIES	408,165	537,797	31.76%	NA	NA	NA	NA	NA	NA	

(1) All quantities are reported as pounds.

(2) NA* indicates not applicable. NR indicates not reportable.

(3) Total releases includes all releases to the environment due to normal process operations. Transfers to POTWs and accidental, remediation, and one-time events are not included.

(4) Non production related releases includes accidental, remediation, and one-time events.

WORKSHEET A-1

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT**

- 2001 SARA Title III -
- Section 313 Reporting -

Facility Section 313 Chemicals and
De-Minimis Concentrations

Section 313 Chemical ⁽¹⁾	De-Minimis Concentration (Weight %)	Coil Coating Volatile Compound (N or Y)	Coil Coating Reportable Chemical (N or Y)
Ammonia	1.0	N	N
Arsenic Compounds	0.1	N	N
Cadmium Compounds	0.1	N	N
Chlorine	1.0	N	N
Chromium Compounds	0.1	N	Y
Copper Compounds	1.0	N	N
Cumene	1.0	Y	N
Cyanide Compounds	1.0	N	N
Glycol Ethers	1.0	Y	Y
Ethylbenzene	0.1	Y	Y
Formaldehyde	0.1	Y	N
Hydrochloric Acid	1.0	N	N
Hydrogen Fluoride	1.0	N	N
Lead Compounds	0.0	N	N
Manganese Compounds	1.0	N	N
Methyl Ethyl Ketone	1.0	Y	N
Methyl IsoButyl Ketone	1.0	Y	N
Molybdenum Trioxide	1.0	N	N
n-Butyl Alcohol	1.0	Y	Y
Naphthalene	1.0	Y	Y
Nickel Compounds	0.1	N	N
Nitric Acid	1.0	N	N
sec-Butyl Alcohol	1.0	Y	N
Sulfuric Acid	1.0	N	N
Toluene	1.0	Y	N
Xylene	1.0	Y	Y
Zinc Compounds	1.0	N	Y
1,2,4-Trimethylbenzene	1.0	Y	Y

NOTES

⁽¹⁾Sulfuric Acid is only reportable as a fume.

WORKSHEET B-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			Coating Line Steel INFORMATIONAL PURPOSES ONLY - ARTICLE EXEMPTION APPLIES			
			Total Processed(tons):		2001 151,932	2000 162,199
Section 313 Chemicals Contained in Steel Coated			Threshold:		25,000 lbs	
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)		Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds	0.001	0.001	3,039	3,244	N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	0.020	0.014	60,773	45,416	Y	N
Copper Compounds	0.029	0.019	88,121	61,636	N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers					Y	N
Ethylbenzene					Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds	0.380	0.410	1,154,683	1,330,032	N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum ⁽²⁾	0.006	0.006	18,232	19,464	N	N
n-Butyl Alcohol					Y	N
Naphthalene					Y	N
Nickel Compounds	0.005	0.005	15,193	16,220	N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene					Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Totals			1,340,040	1,476,011		
NOTES (1)Concentrations From 2001 and 2000 Wheeling-Pittsburgh Steel Corporation Analysis. (2)Reportable As Molybdenum Trioxide; Multiply By 1.5 To Obtain Molybdenum Trioxide Concentration And Quantity.						
FORMULAS (a)Total Processed x (Concentration/100) x 2,000.						

WORKSHEET B-2

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		<u>Sulfuric Acid (liquid) ⁽²⁾</u> Total Used (2001): NA gal Total Used (2000): NA gal Density: 14.2 lbs/gal Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Water and Wastewater Treatment Supplies - Sulfuric Acid					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2001	2000		
Ammonia				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds				Y	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Glycol Ethers				Y	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				N	N
sec-Butyl Alcohol				N	N
Sulfuric Acid	0			N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		0	0		
NOTES (1) Concentrations From Material Safety Data Sheet. (2) Sulfuric acid is only reportable as an aerosol.					
FORMULAS (a) Total Used x Density x (Concentration/100).					

WORKSHEET B-3

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		<u>Chlorine</u> Total Used (2001): 1,715 lbs Total Used (2000): 2,800 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Water and Wastewater Treatment Supplies - Chlorine					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2001	2000		
Ammonia				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine	99.9	1,713	2,797	N	Y
Chromium Compounds				Y	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Glycol Ethers				Y	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				N	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		1,713	2,797		
NOTES					
(1)Concentrations From Material Safety Data Sheet.					
FORMULAS					
(a)Total Used x (Concentration/100).					

WORKSHEET B-4

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Water and
Wastewater Treatment Supplies**

Section 313 Chemical	Water and Wastewater Treatment Supplies				Total Quantity	
	Sulfuric Acid		Chlorine		(lbs)	
	(lbs)	(lbs)	(lbs)	(lbs)	2001	2000
Ammonia						
Arsenic Compounds						
Cadmium Compounds						
Chlorine			1,713	2,797	1,713	2,797
Chromium Compounds						
Copper Compounds						
Cumene						
Cyanide Compounds						
Glycol Ethers						
Ethylbenzene						
Formaldehyde						
Hydrochloric Acid						
Hydrogen Fluoride						
Lead Compounds						
Manganese Compounds						
Methyl Ethyl Ketone						
Methyl IsoButyl Ketone						
Molybdenum Trioxide						
n-Butyl Alcohol						
Naphthalene						
Nickel Compounds						
Nitric Acid						
sec-Butyl Alcohol						
Sulfuric Acid						
Toluene						
Xylene						
Zinc Compounds						
1,2,4-Trimethylbenzene						
Totals	0	0	1,713	2,797	1,713	2,797

WORKSHEET B-5

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Water and
Wastewater Treatment Supplies
Greater Than De-Minimis Concentration**

Section 313 Chemical	Water and Wastewater Treatment Supplies		Total Quantity > De-Minimis (lbs)
	Sulfuric Acid (lbs)	Chlorine (lbs)	
Ammonia			
Arsenic Compounds			
Cadmium Compounds			
Chlorine		1,713	1,713
Chromium Compounds			
Copper Compounds			
Cumene			
Cyanide Compounds			
Glycol Ethers			
Ethylbenzene			
Formaldehyde			
Hydrochloric Acid			
Hydrogen Fluoride			
Lead Compounds			
Manganese Compounds			
Methyl Ethyl Ketone			
Methyl IsoButyl Ketone			
Molybdenum Trioxide			
n-Butyl Alcohol			
Naphthalene			
Nickel Compounds			
Nitric Acid			
sec-Butyl Alcohol			
Sulfuric Acid			
Toluene			
Xylene			
Zinc Compounds			
1,2,4-Trimethylbenzene			
Totals	0	1,713	1,713

WORKSHEET B-6

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		<u>Bulk 309R</u> Total Used (2001): 281,411 lbs Total Used (2000): 420,000 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Chemical Cleaners - Bulk 346WX					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2001	2000		
Ammonia				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds				Y	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Glycol Ethers				Y	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride	0.63	1,773	2,646	N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds	1.76	4,953	7,392	N	Y
Nitric Acid				N	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds	8.1	22,794	34,020	Y	Y
1,2,4-Trimethylbenzene				Y	N
Totals		29,520	44,058		
NOTES					
(1) Concentrations From Material Safety Data Sheet.					
FORMULAS					
(a) Total Used x (Concentration/100).					

WORKSHEET B-7

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		Bulk Bond NP400B Total Used (2001): 187,395 lbs Total Used (2000): 120,000 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Chemical Cleaners - Bulk Bond NP400B					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2001	2000		
Ammonia				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds	4	7,496	4,800	Y	Y
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Glycol Ethers				Y	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				N	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		7,496	4,800		
NOTES					
(1)Concentrations From Material Safety Data Sheet.					
FORMULAS					
(a)Total Used x (Concentration/100).					

WORKSHEET B-8

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Bulk Phosbond #1</u> Total Used (2001): 16,000 lbs Total Used (2000): 16,000 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Chemical Cleaners - Bulk Phosbond #1						
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)		Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers					Y	N
Ethylbenzene					Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene					Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene					Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Totals			0	0		
NOTES						
(1)Concentrations From Material Safety Data Sheet.						
FORMULAS						
(a)Total Used x (Concentration/100).						

WORKSHEET B-9

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT**

2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY

Summary of Section 313 Chemicals Contained in Chemical Cleaners

Section 313 Chemical	Chemical Cleaners						Total Quantity (lbs)	
	Bulk 309R (lbs)		Bulk Bond NP400B (lbs)		Bulk Phosbond #1 (lbs)			
	2001	2000	2001	2000	2001	2000	2001	2000
Ammonia								
Arsenic Compounds								
Cadmium Compounds								
Chlorine								
Chromium Compounds			7,496	4,800			7,496	4,800
Copper Compounds								
Cumene								
Cyanide Compounds								
Glycol Ethers								
Ethylbenzene								
Formaldehyde								
Hydrochloric Acid								
Hydrogen Fluoride	1,773	2,646					1,773	2,646
Lead Compounds								
Manganese Compounds								
Methyl Ethyl Ketone								
Methyl IsoButyl Ketone								
Molybdenum Trioxide								
n-Butyl Alcohol								
Naphthalene								
Nickel Compounds	4,953	7,392					4,953	7,392
Nitric Acid								
sec-Butyl Alcohol								
Sulfuric Acid								
Toluene								
Xylene								
Zinc Compounds	22,794	34,020					22,794	34,020
1,2,4-Trimethylbenzene								
Totals	29,520	44,058	7,496	4,800	0	0	37,016	48,858

WORKSHEET B-10

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT 2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY</p> <p align="center">Summary of Section 313 Chemicals Contained in Chemical Cleaners in Greater Than De-Minimis Concentration</p>				
Section 313 Chemical	Chemical Cleaners			Total Quantity > De-Minimis (lbs)
	Bulk 346WX (lbs)	Bulk Bond NP400B (lbs)	Bulk Phosbond #1 (lbs)	
Ammonia				
Arsenic Compounds				
Cadmium Compounds				
Chlorine				
Chromium Compounds		7,496		7,496
Copper Compounds				
Cumene				
Cyanide Compounds				
Glycol Ethers				
Ethylbenzene				
Formaldehyde				
Hydrochloric Acid				
Hydrogen Fluoride				
Lead Compounds				
Manganese Compounds				
Methyl Ethyl Ketone				
Methyl IsoButyl Ketone				
Molybdenum Trioxide				
n-Butyl Alcohol				
Naphthalene				
Nickel Compounds	4,953			4,953
Nitric Acid				
sec-Butyl Alcohol				
Sulfuric Acid				
Toluene				
Xylene				
Zinc Compounds	22,794			22,794
1,2,4-Trimethylbenzene				
Totals	27,747	7,496	0	35,243

WORKSHEET B-11

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic E-1388</u> <div style="display: flex; justify-content: space-between;"> <div> 2001 Processed/Used (gals): 51,532 Density (lb/gal): 11.539 Threshold (lbs) Volatiles: 10,000 onvolatiles: 25,000 </div> <div> 2000 625,857 </div> </div>			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers	5.40	5.40	32,110	389,975	Y	Y
Ethylbenzene	0.50	0.50	2,973	36,109	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene	2.00	2.00	11,893	144,435	Y	Y
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	2.00	2.00	11,893	144,435	Y	Y
Zinc Compounds	4.40	4.40	26,164	317,758	Y	Y
1,2,4-Trimethylbenzene					Y	N
Total			85,032	1,032,712		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-12

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic P-9810</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 23,296 258,217 Density (lb/gal): 9.59 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers	2.79	2.79	6,233	69,089	Y	Y
Ethylbenzene	0.80	0.80	1,787	19,810	Y	Y
Formaldehyde	0.20	0.20	447	4,953	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	1.50	1.50	3,351	37,145	Y	Y
Naphthalene	2.00	2.00	4,468	49,526	Y	Y
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	2.30	2.30	5,138	56,955	Y	Y
Zinc Compounds	1.19	1.19	2,653	29,406	Y	Y
1,2,4-Trimethylbenzene					Y	N
Total			24,078	266,884		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-13

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			Yenkin-Majestic E-2421 2001 2000 Processed/Used (gals): 90,116 151,140 Density (lb/gal): 10.75 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers					Y	N
Ethylbenzene	5.00	5.00	48,437	81,238	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	5.00	5.00	48,437	81,238	Y	Y
Naphthalene					Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	5.00	5.00	48,437	81,238	Y	Y
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	5.00	5.00	48,437	81,238	Y	Y
Total			193,749	324,951		
NOTES (1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS (2)Total Processed x (Concentration/100).						

WORKSHEET B-14

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic E-2489</u> 2001 2000 Processed/Used (gals): 16,692 34,577 Density (lb/gal): 9.5 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Glycol Ethers	5.00	5.00	7,929	16,424	Y	Y
Ethylbenzene	1.00	1.00	1,586	3,285	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	10.00	10.00	15,857	32,848	Y	Y
Naphthalene	5.00	5.00	7,929	16,424	Y	Y
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	5.00	5.00	7,929	16,424	Y	Y
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Total			41,229	85,406		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-15

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar PTY0016 - Primer</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 53,817 56,106 Density (lb/gal): 11.05 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	15.90	15.90	94,554	98,575	Y	Y
Copper Compounds					N	N
Cumene	0.10	0.10	595	620	N	N
Cyanide Compounds					N	N
Glycol Ethers	13.30	13.30	79,092	82,456	Y	Y
Ethylbenzene	0.0004	0.0004	2	2	Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene	1.20	1.20	7,136	7,440	Y	Y
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.30	0.30	1,784	1,860	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	1.40	1.40	8,325	8,680	Y	Y
Total			191,488	199,633		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-16

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPW0040 - White</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 36,775 54,798 Density (lb/gal): 12.05 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	1,329	1,981	N	N
Cyanide Compounds					N	N
Glycol Ethers	6.90	6.90	30,577	45,562	Y	Y
Ethylbenzene					Y	N
Formaldehyde	0.0005	0.0005	2	3	N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.30	0.30	1,329	1,981	Y	N
Naphthalene	0.50	0.50	2,216	3,302	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.70	0.70	3,102	4,622	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.50	0.50	2,216	3,302	Y	N
Zinc Compounds	0.0002	0.0002	1	1	Y	N
1,2,4-Trimethylbenzene	5.40	5.40	23,929	35,657	Y	Y
Total			64,701	96,411		
NOTES (1)Concentrations from MSDS supplied by Valspar Corporation. FORMULAS (2)Total Processed x (Concentration/100).						

WORKSHEET B-17

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar PMA0327 - Backer</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 46,541 44,211 Density (lb/gal): 10.08 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.20	0.20	938	891	N	N
Cyanide Compounds					N	N
Glycol Ethers	2.40	2.40	11,259	10,696	Y	Y
Ethylbenzene					Y	N
Formaldehyde	0.0005	0.0005	2	2	N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	5.40	5.40	25,333	24,065	Y	Y
Naphthalene	0.20	0.20	938	891	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.0003	0.0003	2	2	N	N
Sulfuric Acid					N	N
Toluene	0.0003	0.0003	2	1	N	N
Xylene	0.50	0.50	2,346	2,228	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	4.80	4.80	22,518	21,391	Y	Y
Total			63,338	60,167		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-18

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPR0062 - Barn Red</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 10,750 22,388 Density (lb/gal): 9.99 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.40	0.40	430	895	N	N
Cyanide Compounds					N	N
Glycol Ethers	4.30	4.30	4,618	9,617	Y	Y
Ethylbenzene	0.0004	0.0004	0	1	Y	N
Formaldehyde	0.10	0.10	107	224	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.50	0.50	537	1,118	Y	N
Naphthalene	0.80	0.80	859	1,789	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.70	0.70	752	1,566	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.90	0.90	967	2,013	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	7.50	7.50	8,054	16,774	Y	Y
Total			16,324	33,997		
NOTES						
(1) Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2) Total Processed x (Concentration/100).						

WORKSHEET B-19

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPB0084 - Brown</u> <div style="display: flex; justify-content: space-between;"> <div> 2001 2000 Processed/Used (gals): 8,495 9,771 Density (lb/gal): 9.86 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000 </div> </div>			
Section 313 Chemicals Contained in Coil Coating Line Supplies						

Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	251	289	N	N
Cyanide Compounds					N	N
Glycol Ethers	3.10	3.10	2,597	2,987	Y	Y
Ethylbenzene	0.0004	0.0004	0	0	Y	N
Formaldehyde	0.10	0.10	84	96	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.50	0.50	419	482	Y	N
Naphthalene	0.80	0.80	670	771	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.70	0.70	586	674	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.90	0.90	754	867	Y	N
Zinc Compounds	1.90	1.90	1,591	1,830	Y	Y
1,2,4-Trimethylbenzene	7.00	7.00	5,863	6,744	Y	Y
Total			12,816	14,741		

NOTES

(1)Concentrations from MSDS supplied by Valspar Corporation.

FORMULAS

(2)Total Processed x (Concentration/100).

WORKSHEET B-20

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			Valspar SPA0056 - Pewter Gray <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 7,933 6,114 Density (lb/gal): 10.19 <div style="text-align: center;">Threshold (lbs)</div> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	243	187	N	N
Cyanide Compounds					N	N
Glycol Ethers	2.90	2.90	2,344	1,807	Y	Y
Ethylbenzene	0.0003	0.0003	0	0	Y	N
Formaldehyde	0.10	0.10	81	62	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.50	0.50	404	312	Y	N
Naphthalene	0.80	0.80	647	498	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.60	0.60	485	374	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.80	0.80	647	498	Y	N
Zinc Compounds	0.80	0.80	647	498	Y	N
1,2,4-Trimethylbenzene	6.70	6.70	5,416	4,174	Y	Y
Total			10,913	8,411		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-21

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPG0074 - Evergreen</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 19,644 19,209 Density (lb/gal): 10.0 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	12.20	12.20	23,966	23,435	Y	Y
Copper Compounds					N	N
Cumene	0.30	0.30	589	576	N	N
Cyanide Compounds					N	N
Glycol Ethers	3.60	3.60	7,072	6,915	Y	Y
Ethylbenzene	0.0004	0.0004	1	1	Y	N
Formaldehyde	0.10	0.10	196	192	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	786	768	Y	N
Naphthalene	0.90	0.90	1,768	1,729	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.60	0.60	1,179	1,153	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.80	0.80	1,572	1,537	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	6.20	6.20	12,179	11,910	Y	Y
Total			49,307	48,215		
NOTES (1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS (2)Total Processed x (Concentration/100).						

WORKSHEET B-22

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPD0074 - Beige</u> <div style="display: flex; justify-content: space-between;"> 2001 2000 </div> Processed/Used (gals): 8,585 12,797 Density (lb/gal): 11.74 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	302	451	N	N
Cyanide Compounds					N	N
Glycol Ethers	5.70	5.70	5,745	8,563	Y	Y
Ethylbenzene					Y	N
Formaldehyde	0.0005	0.0005	0	1	N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds	0.0003	0.0003	0	0	N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene	0.60	0.60	605	901	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.70	0.70	706	1,052	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.60	0.60	605	901	Y	N
Zinc Compounds	0.70	0.70	706	1,052	Y	N
1,2,4-Trimethylbenzene	5.80	5.80	5,846	8,714	Y	Y
Total			14,514	21,635		
NOTES						
(1) Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2) Total Processed x (Concentration/100).						

WORKSHEET B-23

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPD0073 - Rawhide/Tan</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 4,674 3,064 Density (lb/gal): 10.53 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	148	97	N	N
Cyanide Compounds					N	N
Glycol Ethers	4.00	4.00	1,969	1,291	Y	Y
Ethylbenzene	0.0001	0.0001	0	0	Y	N
Formaldehyde	0.10	0.10	49	32	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	197	129	Y	N
Naphthalene	0.70	0.70	345	226	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	1.00	1.00	492	323	N	Y
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.70	0.70	345	226	Y	N
Zinc Compounds	3.50	3.50	1,723	1,129	Y	Y
1,2,4-Trimethylbenzene	7.00	7.00	3,445	2,258	Y	Y
Total			8,712	5,711		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-24

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPD0126 - Sandstone</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 5,842 5,495 Density (lb/gal): 10.99 <div style="text-align: center;"><u>Threshold (lbs)</u></div> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	2.50	2.50	1,605	1,510	Y	Y
Copper Compounds					N	N
Cumene	0.30	0.30	193	181	N	N
Cyanide Compounds					N	N
Glycol Ethers	3.80	3.80	2,440	2,295	Y	Y
Ethylbenzene	0.0004	0.0004	0	0	Y	N
Formaldehyde	0.10	0.10	64	60	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds	0.50	0.50	321	302	N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	257	242	Y	N
Naphthalene	0.80	0.80	514	483	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.80	0.80	514	483	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.70	0.70	449	423	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	5.40	5.40	3,467	3,261	Y	Y
Total			9,823	9,240		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-25

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPA0085 - Quaker Gray</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 5,202 3,027 Density (lb/gal): 10.09 <div style="text-align: center;"><u>Threshold (lbs)</u></div> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	157	92	N	N
Cyanide Compounds					N	N
Glycol Ethers	2.40	2.40	1,260	733	Y	Y
Ethylbenzene	0.0004	0.0004	0	0	Y	N
Formaldehyde	0.10	0.10	52	31	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	210	122	Y	N
Naphthalene	0.80	0.80	420	244	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.60	0.60	315	183	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.80	0.80	420	244	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	6.30	6.30	3,307	1,924	Y	Y
Total			6,141	3,574		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-26

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			<u>Valspar SPL0083 - Slate Blue</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Processed/Used (gals): 3,973 3,296 Density (lb/gal): 10.08 <u>Threshold (lbs)</u> Volatiles: 10,000 nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	1.40	1.40	561	465	Y	Y
Copper Compounds					N	N
Cumene	0.30	0.30	120	100	N	N
Cyanide Compounds					N	N
Glycol Ethers	2.40	2.40	961	797	Y	Y
Ethylbenzene	0.0004	0.0004	0	0	Y	N
Formaldehyde	0.10	0.10	40	33	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	160	133	Y	N
Naphthalene	0.80	0.80	320	266	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.60	0.60	240	199	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.80	0.80	320	266	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	6.30	6.30	2,523	2,093	Y	Y
Total			5,246	4,352		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-29

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			Valspar SPB0109 - Ant. Brown 2001 2000 Processed/Used (gals): 2,104 2,906 Density (lb/gal): 9.85 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.30	0.30	62	86	N	N
Cyanide Compounds					N	N
Glycol Ethers	4.70	4.70	974	1,345	Y	Y
Ethylbenzene	0.0004	0.0004	0	0	Y	N
Formaldehyde	0.10	0.10	21	29	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	0.40	0.40	83	114	Y	N
Naphthalene	0.80	0.80	166	229	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.70	0.70	145	200	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.80	0.80	166	229	Y	N
Zinc Compounds	5.60	5.60	1,161	1,603	Y	Y
1,2,4-Trimethylbenzene	6.30	6.30	1,306	1,803	Y	Y
Total			4,083	5,638		
NOTES						
(1) Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2) Total Processed x (Concentration/100).						

WORKSHEET B-30

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -			Valspar PMA0895 - Roof Deck <div style="display: flex; justify-content: space-between;"> 2001 2000 </div> Processed/Used (gals): 7,218 57,876 Density (lb/gal): 10.12 <u>Threshold (lbs)</u> Volatiles: 10,000 onvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2001	2000	2001	2000		
Ammonia					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Copper Compounds					N	N
Cumene	0.20	0.20	146	1,171	N	N
Cyanide Compounds					N	N
Glycol Ethers	6.70	6.70	4,894	39,242	Y	Y
Ethylbenzene	0.30	0.30	219	1,757	Y	Y
Formaldehyde	0.0004	0.0004	0	2	N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	1.20	1.20	877	7,028	Y	Y
Naphthalene	0.60	0.60	438	3,514	Y	N
Nickel Compounds					N	N
Nitric Acid					N	N
sec-Butyl Alcohol	0.0004	0.0004	0	2	N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	1.70	1.70	1,242	9,957	Y	Y
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	4.60	4.60	3,360	26,942	Y	Y
Total			11,177	89,617		
NOTES						
(1)Concentrations from MSDS supplied by Valspar Corporation.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-34

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		Valspar PMW1704 2001 2000 Processed/Used (gals): 433 2,260 Density (lb/gal): 11.77 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies					
Section 313 Chemical	Concentration (1) (Weight %)	Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2001	2000		
Ammonia				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds				Y	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Glycol Ethers	10.60	540	2,820	Y	Y
Ethylbenzene	0.20	10	53	Y	Y
Formaldehyde	0.0002	0	0	N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol	0.50	25	133	Y	N
Naphthalene	1.70	87	452	Y	Y
Nickel Compounds				N	N
Nitric Acid				N	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene	0.40	20	106	N	N
Xylene	0.90	46	239	Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene	0.50	25	133	Y	N
Total		754	3,937		
NOTES					
(1)Concentrations from MSDS supplied by Valspar Corporation.					
FORMULAS					
(2)Total Processed x (Concentration/100).					

WORKSHEET B-35

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2000 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic E-7949 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2420 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Yenkin Majestic E-2583 (lbs)	Yenkin Majestic SW5X32253 (lbs)	Yenkin Majestic UY9R24235A (lbs)
Ammonia									
Arsenic Compounds									
Cadmium Compounds									
Chlorine									
Chromium Compounds									37
Copper Compounds									
Cumene				362					
Cyanide Compounds									
Glycol Ethers	389,975	8,291	69,089	6,760		16,424	13	119	18
Ethylbenzene	36,109	1,382	19,810	5,673	81,238	3,285			12
Formaldehyde			4,953						
Hydrochloric Acid									
Hydrogen Fluoride									
Lead Compounds									
Manganese Compounds									
Methyl Ethyl Ketone									
Methyl IsoButyl Ketone									
Molybdenum Trioxide									
n-Butyl Alcohol		6,119	37,145	75,442	81,238	32,848	75		
Naphthalene	144,435	4,343	49,526	21,245		16,424	30		
Nickel Compounds									
Nitric Acid									
sec-Butyl Alcohol									
Sulfuric Acid									
Toluene				181					
Xylene	144,435	5,725	56,955	24,745	81,238	16,424	30		57
Zinc Compounds	317,758		29,406						
1,2,4-Trimethylbenzene				9,717	81,238		18	81	61
Totals	1,032,712	25,860	266,884	144,125	324,951	85,406	165	200	185

WORKSHEET B-35 (continued)

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2000 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Coatings										
	Valspar PTY0016 (lbs)	Valspar SPW0040 (lbs)	Valspar PMA0327 (lbs)	Valspar SPR0062 (lbs)	Valspar SPB0084 (lbs)	Valspar SPA0056 (lbs)	Valspar SPG0074 (lbs)	Valspar SPD0074 (lbs)	Valspar SPD0073 (lbs)	Valspar SPD0126 (lbs)	Valspar SPA0085 (lbs)
Ammonia											
Arsenic Compounds											
Cadmium Compounds											
Chlorine											
Chromium Compounds	98,575						23,435			1,510	
Copper Compounds											
Cumene	620	1,981	891	895	289	187	576	451	97	181	92
Cyanide Compounds											
Glycol Ethers	82,456	45,562	10,696	9,617	2,987	1,807	6,915	8,563	1,291	2,295	733
Ethylbenzene	2			1	0	0	1		0	0	0
Formaldehyde		3	2	224	96	62	192	1	32	60	31
Hydrochloric Acid											
Hydrogen Fluoride											
Lead Compounds											
Manganese Compounds								0		302	
Methyl Ethyl Ketone											
Methyl IsoButyl Ketone											
Molybdenum Trioxide											
n-Butyl Alcohol		1,981	24,065	1,118	482	312	768		129	242	122
Naphthalene	7,440	3,302	891	1,789	771	498	1,729	901	226	483	244
Nickel Compounds											
Nitric Acid											
sec-Butyl Alcohol		4,622	2	1,566	674	374	1,153	1,052	323	483	183
Sulfuric Acid											
Toluene			1								
Xylene	1,860	3,302	2,228	2,013	867	498	1,537	901	226	423	244
Zinc Compounds		1			1,830	498		1,052	1,129		
1,2,4-Trimethylbenzene	8,680	35,657	21,391	16,774	6,744	4,174	11,910	8,714	2,258	3,261	1,924
Totals	199,633	96,411	60,167	33,997	14,741	8,411	48,215	21,635	5,711	9,240	3,574

WORKSHEET B-35 (continued)

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2000 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Coatings (continued)											Total Quantity (lbs)
	Valspar SPL0083 (lbs)	Valspar PMW0674 (lbs)	Valspar SPA0057 (lbs)	Valspar SPB0109 (lbs)	Valspar PMA0895 (lbs)	Valspar SPA0134 (lbs)	Valspar SPD0157 (lbs)	Nitric Acid (lbs)	Valspar SPW0203 (lbs)	Valspar PMW1704 (lbs)	Valspar PMY0302 (lbs)	
Ammonia												
Arsenic Compounds												
Cadmium Compounds												
Chlorine												
Chromium Compounds	465											124,023
Copper Compounds												
Cumene	100			86	1,171							7,978
Cyanide Compounds												
Glycol Ethers	797			1,345	39,242					2,820		707,814
Ethylbenzene	0			0	1,757					53		149,325
Formaldehyde	33			29	2					0		5,720
Hydrochloric Acid												
Hydrogen Fluoride												
Lead Compounds												
Manganese Compounds												302
Methyl Ethyl Ketone												
Methyl IsoButyl Ketone												
Molybdenum Trioxide												
n-Butyl Alcohol	133			114	7,028					133		269,494
Naphthalene	266			229	3,514					452		258,739
Nickel Compounds												
Nitric Acid												
sec-Butyl Alcohol	199			200	2							10,833
Sulfuric Acid												
Toluene										106		289
Xylene	266			229	9,957					239		354,399
Zinc Compounds				1,603								353,278
1,2,4-Trimethylbenzene	2,093			1,803	26,942					133		243,574
Totals	4,352	0	0	5,638	89,617	0	0	0	0	3,937	0	2,485,769

WORKSHEET B-36

WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
 2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY

2001 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Coatings						Coatings (continued)						
	Yenkin Majestic E-1410 (lbs)	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic E-7949 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2420 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Yenkin Majestic E-2583 (lbs)	Yenkin Majestic SW5X32253 (lbs)	Yenkin Majestic UY9R24235A (lbs)	Valspar PTY0016 (lbs)	Valspar SPW0040 (lbs)	Valspar PMA0327 (lbs)
Ammonia													
Arsenic Compounds													
Cadmium Compounds													
Chlorine													
Chromium Compounds											94,554		
Copper Compounds													
Cumene											595	1,329	938
Cyanide Compounds													
Glycol Ethers		32,110		6,233			7,929				79,092	30,577	11,259
Ethylbenzene		2,973		1,787		48,437	1,586				2		
Formaldehyde				447								2	2
Hydrochloric Acid													
Hydrogen Fluoride													
Lead Compounds													
Manganese Compounds													
Methyl Ethyl Ketone													
Methyl IsoButyl Ketone													
Molybdenum Trioxide													
n-Butyl Alcohol				3,351		48,437	15,857					1,329	25,333
Naphthalene		11,893		4,468			7,929				7,136	2,216	938
Nickel Compounds													
Nitric Acid													
sec-Butyl Alcohol												3,102	2
Sulfuric Acid													
Toluene													2
Xylene		11,893		5,138		48,437	7,929				1,784	2,216	2,346
Zinc Compounds		26,164		2,653								1	
1,2,4-Trimethylbenzene						48,437					8,325	23,929	22,518
Totals	0	85,032	0	24,078	0	193,749	41,229	0	0	0	191,488	64,701	63,338

WORKSHEET B-36 (continued)

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**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2001 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

	Coatings (continued)														
Section 313 Chemical	Valspar SPR0062 (lbs)	Valspar SPB0084 (lbs)	Valspar SPA0056 (lbs)	Valspar SPG0074 (lbs)	Valspar SPD0074 (lbs)	Valspar SPD0073 (lbs)	Valspar SPD0126 (lbs)	Valspar SPA0085 (lbs)	Valspar SPL0083 (lbs)	Valspar SPB0109 (lbs)	Valspar PMA0895 (lbs)	Valspar SPW0203 (lbs)	Valspar PMW1704 (lbs)	Valspar PMY0302 (lbs)	Total Quantity (lbs)
Ammonia															
Arsenic Compounds															
Cadmium Compounds															
Chlorine															
Chromium Compounds				23,966			1,605		561					3,800	124,485
Copper Compounds															39
Cumene	430	251	243	589	302	148	193	157	120	62	146				5,780
Cyanide Compounds															
Glycol Ethers	4,618	2,597	2,344	7,072	5,745	1,969	2,440	1,260	961	974	4,894		540		205,835
Ethylbenzene	0	0	0	1		0	0	0	0	0	219		10	51	55,126
Formaldehyde	107	84	81	196	0	49	64	52	40	21	0		0		1,197
Hydrochloric Acid															
Hydrogen Fluoride															
Lead Compounds															
Manganese Compounds					0		321								321
Methyl Ethyl Ketone															0
Methyl IsoButyl Ketone															0
Molybdenum Trioxide															
n-Butyl Alcohol	537	419	404	786		197	257	210	160	83	877	1,967	25	1,464	102,226
Naphthalene	859	670	647	1,768	605	345	514	420	320	166	438	1,389	87	668	43,928
Nickel Compounds															
Nitric Acid															
sec-Butyl Alcohol	752	586	485	1,179	706	492	514	315	240	145	0				8,739
Sulfuric Acid															
Toluene													20		22
Xylene	967	754	647	1,572	605	345	449	420	320	166	1,242		46		88,039
Zinc Compounds		1,591	647		706	1,723				1,161					35,287
1,2,4-Trimethylbenzene	8,054	5,863	5,416	12,179	5,846	3,445	3,467	3,307	2,523	1,306	3,360	463	25	411	164,251
Totals	16,324	12,816	10,913	49,307	14,514	8,712	9,823	6,141	5,246	4,083	11,177	3,818	754	6,393	835,277

WORKSHEET B-37

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies
in Greater Than De-Minimis Concentrations**

Section 313 Chemical	Coatings (continued)											
	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic E-7949 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2420 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Yenkin Majestic E-2583 (lbs)	Yenkin Majestic SW5X32253 (lbs)	Yenkin Majestic UY9R24235A (lbs)	Valspar PTY0016 (lbs)	Valspar SPW0040 (lbs)	Valspar PMA0327 (lbs)
Ammonia												
Arsenic Compounds												
Cadmium Compounds												
Chlorine												
Chromium Compounds										94,554		
Copper Compounds												
Cumene												
Cyanide Compounds												
Glycol Ethers	32,110		6,233			7,929				79,092	30,577	11,259
Ethylbenzene	2,973		1,787		48,437	1,586						
Formaldehyde			447									
Hydrochloric Acid												
Hydrogen Fluoride												
Lead Compounds												
Manganese Compounds												
Methyl Ethyl Ketone												
Methyl IsoButyl Ketone												
Molybdenum Trioxide												
n-Butyl Alcohol			3,351		48,437	15,857						25,333
Naphthalene	11,893		4,468			7,929				7,136		
Nickel Compounds												
Nitric Acid												
sec-Butyl Alcohol												
Sulfuric Acid												
Toluene												
Xylene	11,893		5,138		48,437	7,929						
Zinc Compounds	26,164		2,653									
1,2,4-Trimethylbenzene					48,437					8,325	23,929	22,518
Totals	85,032	0	24,078	0	193,749	41,229	0	0	0	189,108	54,506	59,111

WORKSHEET B-37 (continued)

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**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies
In Greater than De Minimis Concentrations**

Section 313 Chemical	Coatings (continued)														
	Valspar SPR0062 (lbs)	Valspar SPB0084 (lbs)	Valspar SPA0056 (lbs)	Valspar SPG0074 (lbs)	Valspar SPD0074 (lbs)	Valspar SPD0073 (lbs)	Valspar SPD0126 (lbs)	Valspar SPA0085 (lbs)	Valspar SPL0083 (lbs)	Valspar SPB0109 (lbs)	Valspar PMA0895 (lbs)	Valspar SPW0203 (lbs)	Valspar PMW1704 (lbs)	Valspar PMY0302 (lbs)	Total Quantity (lbs)
Ammonia															
Arsenic Compounds															
Cadmium Compounds															
Chlorine															
Chromium Compounds				23,966			1,605		561					3,800	124,485
Copper Compounds															
Cumene															
Cyanide Compounds															
Glycol Ethers	4,618	2,597	2,344	7,072	5,745	1,969	2,440	1,260	961	974	4,894		540		205,561
Ethylbenzene											219		10	51	55,121
Formaldehyde	107	84	81	196		49	64	52	40	21					1,192
Hydrochloric Acid															
Hydrogen Fluoride															
Lead Compounds															
Manganese Compounds															
Methyl Ethyl Ketone															
Methyl IsoButyl Ketone															
Molybdenum Trioxide															
n-Butyl Alcohol											877	1,967		1,464	97,286
Naphthalene												1,389	87	668	33,568
Nickel Compounds															
Nitric Acid															
sec-Butyl Alcohol						492									492
Sulfuric Acid															
Toluene															
Xylene											1,242				74,866
Zinc Compounds		1,591				1,723				1,161					33,934
1,2,4-Trimethylbenzene	8,054	5,863	5,416	12,179	5,846	3,445	3,467	3,307	2,523	1,306	3,360			411	163,763
Totals	12,780	10,135	7,841	43,413	11,591	7,678	7,576	4,619	4,085	3,461	10,592	3,356	637	6,393	790,270

WORKSHEET C-1

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT</p> <p align="center">- 2001 SARA Title III - - Section 313 Reporting -</p>	<p>Primer Oven Incinerator Emissions Point Source: Incinerator Stack</p> <div style="text-align: right; margin-top: 20px;"> Process: <u>Coil Coating</u> Incinerator Efficiency⁽¹⁾: 94.66 % Incinerator Inlet VOC⁽¹⁾: 3,632 ppm Threshold: 25,000 lbs </div>						
<p align="center">Air Release Sources and Estimates</p>							
Section 313 Chemical	Uncontrolled Emissions ^(2,3) (lbs/yr) ^(b)	Concentration ^(a) (Weight %)	Quantity ^(a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia	0			N	Y	N	
Arsenic Compounds	0			N	Y	N	
Cadmium Compounds	0			N	Y	N	
Chlorine	0			N	Y	N	
Chromium Compounds	0			Y	Y	Y	
Copper Compounds	0			N	Y	N	
Cumene	769	3.11E-03	37	N	N	N	
Cyanide Compounds	0			N	Y	N	
Glycol Ethers	27,376	1.11E-01	1,316	Y	N	Y	1,316
Ethylbenzene	7,332	2.97E-02	352	Y	N	Y	352
Formaldehyde	159	6.44E-04	8	N	N	N	
Hydrochloric Acid	0			N	Y	N	
Hydrogen Fluoride	0			N	Y	N	
Lead Compounds	0			N	Y	N	
Manganese Compounds	0			N	Y	N	
Methyl Ethyl Ketone	0			N	Y	N	
Methyl IsoButyl Ketone	0			N	Y	N	
Molybdenum Trioxide	0			N	Y	N	
n-Butyl Alcohol	13,596	5.50E-02	653	Y	N	Y	653
Naphthalene	5,842	2.36E-02	281	Y	N	Y	281
Nickel Compounds	0			N	Y	N	
Nitric Acid	0			N	Y	N	
sec-Butyl Alcohol	1,162	4.70E-03	56	N	N	N	
Sulfuric Acid	0			N	Y	N	
Toluene	3	1.18E-05	0	N	N	N	
Xylene	11,709	4.74E-02	563	Y	N	Y	563
Zinc Compounds	0			Y	Y	Y	
1,2,4-Trimethylbenzene	21,845	8.84E-02	1,050	Y	N	Y	1,050
Totals	89,794		4,316				4,215
<p>NOTES</p> <p>(1)Based On Stack Tests Conducted On 3/11/92 By Hemeon Associates.</p> <p>(2)Assumes 100% Release and 90% Capture Of Volatile Compounds Contained In Primer Line Supplies by Primer Oven Incinerator.</p> <p>(3)Primer Line Supplies Usage Estimated By Beech Bottom Plant Personnel To Be 13.3% Of Total Coil Coating Line Supplies.</p> <p>FORMULAS</p> <p>(a) Uncontrolled Emissions x (1-Incinerator Efficiency/100) x % Captured by Incinerator (0.90).</p> <p>(b) lbs Chemical in Total Qty of Coatings x 0.133</p>							

WORKSHEET C-2

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT</p> <p align="center">- 2001 SARA Title III - - Section 313 Reporting -</p>	<p>Finishing Oven Incinerator Emissions Point Source: Incinerator Stack</p> <p align="center">Process: <u>Coil Coating</u></p> <p align="center">Incinerator Efficiency⁽¹⁾: 90.00 %</p> <p align="center">Incinerator Inlet VOC⁽¹⁾: 2,658 ppm</p> <p align="center">Threshold: 25,000 lbs</p>					
Air Release Sources and Estimates						
Section 313 Chemical	Uncontrolled Emissions ^(2,3) (lbs/yr) ^(b)	Quantity ^(a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia	0		N	Y	N	
Arsenic Compounds	0		N	Y	N	
Cadmium Compounds	0		N	Y	N	
Chlorine	0		N	Y	N	
Chromium Compounds	0		Y	Y	Y	
Copper Compounds	0		N	Y	N	
Cumene	5,011	451	N	N	N	
Cyanide Compounds	0		N	Y	N	
Glycol Ethers	178,459	16,061	Y	N	Y	16,061
Ethylbenzene	47,794	4,301	Y	N	Y	4,301
Formaldehyde	1,038	93	N	N	N	
Hydrochloric Acid	0		N	Y	N	
Hydrogen Fluoride	0		N	Y	N	
Lead Compounds	0		N	Y	N	
Manganese Compounds	0		N	Y	N	
Methyl Ethyl Ketone	0		N	Y	N	
Methyl IsoButyl Ketone	0		N	Y	N	
Molybdenum Trioxide	0		N	Y	N	
n-Butyl Alcohol	88,630	7,977	Y	N	Y	7,977
Naphthalene	38,086	3,428	Y	N	Y	3,428
Nickel Compounds	0		N	Y	N	
Nitric Acid	0		N	Y	N	
sec-Butyl Alcohol	7,577	682	N	N	N	
Sulfuric Acid	0		N	Y	N	
Toluene	19	2	N	N	N	
Xylene	76,330	6,870	Y	N	Y	6,870
Zinc Compounds	0		Y	Y	Y	
1,2,4-Trimethylbenzene	142,406	12,817	Y	N	Y	12,817
Totals	585,350	52,682				51,453
NOTES						
(1)Based On Stack Tests Conducted On 3/11/92 By Hemeon Associates And Best Engineering Judgment.						
(2)Assumes 100% Release and 90% Capture Of Volatile Compounds Contained In Finishing Line Supplies by Finishing Oven Incinerator.						
(3)Finishing Line Supplies Usage Estimated By Beech Bottom Plant Personnel To Be 86.7% Of Total Coil Coating Line Supplies.						
FORMULAS						
(a)Uncontrolled Emissions x (1-Incinerator Efficiency/100) x % Captured by Incinerator (0.90).						
(b) lbs Chemical in Total Qty of Coatings x 0.867						

WORKSHEET C-3

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	Primer Oven Incinerator Emissions Fugitive Emissions: Surface Coating and Quenching <div style="display: flex; justify-content: space-between;"> <div> Process: Incinerator Capture Efficiency ⁽¹⁾: Incinerator Inlet VOC ⁽¹⁾: Threshold: </div> <div> <u>Coil Coating</u> 0.00 % 3,632 ppm 25,000 lbs </div> </div>					
Air Release Sources and Estimates						
Section 313 Chemical	Uncontrolled Emissions ^(2,3) (lbs/yr) ^(b)	Quantity ^(a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia	0		N	Y	N	
Arsenic Compounds	0		N	Y	N	
Cadmium Compounds	0		N	Y	N	
Chlorine	0		N	Y	N	
Chromium Compounds	0		Y	Y	Y	
Copper Compounds	0		N	Y	N	
Cumene	769	77	N	N	N	
Cyanide Compounds	0		N	Y	N	
Glycol Ethers	27,376	2,738	Y	N	Y	2,738
Ethylbenzene	7,332	733	Y	N	Y	733
Formaldehyde	159	16	N	N	N	
Hydrochloric Acid	0		N	Y	N	
Hydrogen Fluoride	0		N	Y	N	
Lead Compounds	0		N	Y	N	
Manganese Compounds	0		N	Y	N	
Methyl Ethyl Ketone	0		N	Y	N	
Methyl IsoButyl Ketone	0		N	Y	N	
Molybdenum Trioxide	0		N	Y	N	
n-Butyl Alcohol	13,596	1,360	Y	N	Y	1,360
Naphthalene	5,842	584	Y	N	Y	584
Nickel Compounds	0		N	Y	N	
Nitric Acid	0		N	Y	N	
sec-Butyl Alcohol	1,162	116	N	N	N	
Sulfuric Acid	0		N	Y	N	
Toluene	3	0	N	N	N	
Xylene	11,709	1,171	Y	N	Y	1,171
Zinc Compounds	0		Y	Y	Y	
1,2,4-Trimethylbenzene	21,845	2,185	Y	N	Y	2,185
Totals	89,794	8,979				8,770
NOTES (1)Based On Stack Tests Conducted On 3/11/92 By Hemeon Associates. Incinerator Eff. is zero for fugitive emissions from surface coating & quenching. (2)Assumes 100% Release and 90% Capture Of Volatile Compounds Contained In Primer Line Supplies by Primer Oven Incinerator. 10% of VOCs released are not captured by Primer Oven Incinerator & are emitted as fugitives during surface coating (8%) & quenching (2%) of coils. (3)Primer Line Supplies Usage Estimated By Beech Bottom Plant Personnel To Be 13.3% Of Total Coil Coating Line Supplies.						
FORMULAS (a)Uncontrolled Emissions x (1-Incinerator Efficiency/100) x % Fugitive Emissions (0.10). (b) lbs Chemical in Total Qty of Coatings x 0.133						

WORKSHEET C-4

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT</p> <p align="center">- 2001 SARA Title III - - Section 313 Reporting -</p>	<p>Finishing Oven Incinerator Emissions</p> <p>Fugitive Emissions: Surface Coating and Quenching</p> <p align="center">Process: <u>Coil Coating</u></p> <p align="center">Incinerator Efficiency ⁽¹⁾: 0.00 %</p> <p align="center">Incinerator Inlet VOC ⁽¹⁾: 2,658 ppm</p> <p align="center">Threshold: 25,000 lbs</p>					
<p align="center">Air Release Sources and Estimates</p>						
Section 313 Chemical	Uncontrolled Emissions ^(2,3) (lbs/yr) ^(b)	Quantity ^(a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia	0		N	Y	N	
Arsenic Compounds	0		N	Y	N	
Cadmium Compounds	0		N	Y	N	
Chlorine	0		N	Y	N	
Chromium Compounds	0		Y	Y	Y	
Copper Compounds	0		N	Y	N	
Cumene	5,011	501	N	N	N	
Cyanide Compounds	0		N	Y	N	
Glycol Ethers	178,459	17,846	Y	N	Y	17,846
Ethylbenzene	47,794	4,779	Y	N	Y	4,779
Formaldehyde	1,038	104	N	N	N	
Hydrochloric Acid	0		N	Y	N	
Hydrogen Fluoride	0		N	Y	N	
Lead Compounds	0		N	Y	N	
Manganese Compounds	0		N	Y	N	
Methyl Ethyl Ketone	0		N	Y	N	
Methyl IsoButyl Ketone	0		N	Y	N	
Molybdenum Trioxide	0		N	Y	N	
n-Butyl Alcohol	88,630	8,863	Y	N	Y	8,863
Naphthalene	38,086	3,809	Y	N	Y	3,809
Nickel Compounds	0		N	Y	N	
Nitric Acid	0		N	Y	N	
sec-Butyl Alcohol	7,577	758	N	N	N	
Sulfuric Acid	0		N	Y	N	
Toluene	19	2	N	N	N	
Xylene	76,330	7,633	Y	N	Y	7,633
Zinc Compounds	0		Y	Y	Y	
1,2,4-Trimethylbenzene	142,406	14,241	Y	N	Y	14,241
Totals	585,350	58,535				57,171
NOTES						
<p>(1)Based On Stack Tests Conducted On 3/11/92 By Hemeon Associates. Incinerator Eff. is zero for fugitive emissions from surface coating & quenching.</p> <p>(2)Assumes 100% Release and 90% Capture Of Volatile Compounds Contained In Finishing Line Supplies by Finishing Oven Incinerator.</p> <p>10% of VOCs released are not captured by Finish Oven Incinerator & are emitted as fugitives during surface coating (8%) & quenching (2%) of coils.</p> <p>(3)Finishing Line Supplies Usage Estimated By Beech Bottom Plant Personnel To Be 86.7% Of Total Coil Coating Line Supplies.</p>						
FORMULAS						
<p>(a) Uncontrolled Emissions x (1-Incinerator Efficiency/100) x % Fugitive Emissions (0.10).</p> <p>(b) lbs Chemical in Total Qty of Coatings x 0.867</p>						

WORKSHEET C-5

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

Total Air Release Sources and Estimates

Section 313 Chemical	Point Sources				Fugitive Sources				Total Air Releases Point Sources		Total Air Releases Fugitive Sources		Total Air Releases	
	Primer Line		Finishing Line		Primer Line		Finishing Line		lbs		lbs		lbs	
	Released		Reportable		Released		Reportable		Released		Reportable (1,2)		Released	
	Released	Reportable	Released	Reportable	Released	Reportable	Released	Reportable	Released	Reportable (1,2)	Released	Reportable (1,2)	Released	Reportable (1,2)
Ammonia														
Arsenic Compounds														
Cadmium Compounds														
Chlorine														
Chromium Compounds														
Copper Compounds														
Cumene	37		451		77		501		488		578		1,066	
Cyanide Compounds														
Glycol Ethers	1,316	1,316	16,061	16,061	2,738	2,738	17,846	17,846	17,377	17,377	20,584	20,584	37,961	37,961
Ethylbenzene	352	352	4,301	4,301	733	733	4,779	4,779	4,654	4,654	5,513	5,513	10,166	10,166
Formaldehyde	8		93		16		104		101		120		221	
Hydrochloric Acid														
Hydrogen Fluoride														
Lead Compounds														
Manganese Compounds														
Methyl Ethyl Ketone														
Methyl IsoButyl Ketone														
Molybdenum Trioxide														
n-Butyl Alcohol	653	653	7,977	7,977	1,360	1,360	8,863	8,863	8,630	8,630	10,223	10,223	18,853	18,853
Naphthalene	281	281	3,428	3,428	584	584	3,809	3,809	3,709	3,709	4,393	4,393	8,101	8,101
Nickel Compounds														
Nitric Acid														
sec-Butyl Alcohol	56		682		116		758		738		874		1,612	
Sulfuric Acid														
Toluene	0		2		0		2		2		2		4	
Xylene	563	563	6,870	6,870	1,171	1,171	7,633	7,633	7,432	7,432	8,804	8,804	16,236	16,236
Zinc Compounds														
1,2,4-Trimethylbenzene	1,050	1,050	12,817	12,817	2,185	2,185	14,241	14,241	13,866	13,866	16,425	16,425	30,292	30,292
Totals	4,316	4,215	52,682	51,453	8,979	8,770	58,535	57,171	56,997	55,668	67,514	65,941	124,511	121,609

NOTES

(1) Reported in Section 5.2 of Form Rs.

(2) Component of Section 8.1, Column B, of Form Rs.

No. Instructed in Report: Put in numerical column on Worksheet 1-2.
NO. NOTED IN INSTRUCT

[illegible]

WORKSHEET D-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	NPDES Outfall 004 <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> <div style="display: flex; justify-content: space-around;"> Flow: 0.180 0.133 MGD </div> <div style="display: flex; justify-content: space-around;"> Operating Time: 365 366 days </div> <div style="display: flex; justify-content: space-around;"> Threshold: 25,000 lbs </div>							
Water Release Sources and Estimates								
Section 313 Chemical	Concentration (1) (Weight %)		Quantity (a) of 313 Chemical Released (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
	2001	2000	2001	2000				
Ammonia					N	N	N	
Arsenic Compounds					N	N	N	
Cadmium Compounds					N	N	N	
Chlorine	1.72E-05	1.72E-05	94	70	N	N	N	
Chromium Compounds	6.00E-07	1.45E-06	3	6	Y	N	Y	3
Copper Compounds					N	N	N	
Cumene					N	N	N	
Cyanide Compounds					N	N	N	
Glycol Ethers					Y	N	Y	
Ethylbenzene					Y	N	Y	
Formaldehyde					N	N	N	
Hydrochloric Acid					N	N	N	
Hydrogen Fluoride					N	N	N	
Lead Compounds	1.70E-07	4.48E-07	1	2	N	Y	N	
Manganese Compounds	3.00E-05	5.49E-05	164	223	N	N	N	
Methyl Ethyl Ketone					N	N	N	
Methyl IsoButyl Ketone					N	N	N	
Molybdenum Trioxide					N	N	N	
n-Butyl Alcohol					Y	N	Y	
Naphthalene					Y	N	Y	
Nickel Compounds	1.40E-06	3.32E-06	8	13	N	N	N	
Nitric Acid					N	N	N	
sec-Butyl Alcohol					N	N	N	
Sulfuric Acid					N	N	N	
Toluene					N	N	N	
Xylene					Y	N	Y	
Zinc Compounds	3.88E-05	2.00E-05	213	81	Y	N	Y	213
1,2,4-Trimethylbenzene					Y	N	Y	
Totals			483	395				216
NOTES (1) Concentrations From 2001 and 2000 Wheeling-Pittsburgh Steel Corporation Data, except Chlorine which is based on historical data. Intake conc. Deducted from Mn.								
FORMULAS (a) Flow x Operating Time x Concentration x 8.345 x 10 ⁴ .								

WORKSHEET E-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	<u>Waste Description:</u> Wastewater Treatment Plant Sludge <u>Disposition:</u> Off-Site Landfill (Northfork Landfill) Process: <u>Coil Coating</u> <div style="display: flex; justify-content: space-between;"> 2001 2000 </div> Quantity Generated: 195 1,077 tons Threshold: 25,000 lbs Percent Moisture (3): 35 %						
Other Release Sources and Estimates							
Section 313 Chemical	Concentration (1) (Weight %)	Quantity (a) of 313 Chemical Released (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (2) (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
		2,001	2000				
Ammonia				N	N	N	
Arsenic Compounds	9.32E-05	0.24	1.30	N	N	N	
Cadmium Compounds				N	N	N	
Chlorine				N	N	N	
Chromium Compounds	3.73E-04	0.95	5.22	Y	N	Y	1
Copper Compounds	1.20E-03	3.04	16.80	N	N	N	
Cumene				N	N	N	
Cyanide Compounds	5.00E-05	0.13	0.70	N	N	N	
Glycol Ethers				Y	N	Y	0
Ethylbenzene				Y	N	Y	0
Formaldehyde				N	N	N	
Hydrochloric Acid				N	N	N	
Hydrogen Fluoride				N	N	N	
Lead Compounds	1.00E-03	2.54	14.00	N	Y	N	
Manganese Compounds	6.90E-02	174.92	966.07	N	N	N	
Methyl Ethyl Ketone				N	N	N	
Methyl IsoButyl Ketone				N	N	N	
Molybdenum Trioxide				N	N	N	
n-Butyl Alcohol				Y	N	Y	0
Naphthalene				Y	N	Y	0
Nickel Compounds	4.10E-03	10.40	57.41	N	N	N	
Nitric Acid				N	N	N	
sec-Butyl Alcohol				N	N	N	
Sulfuric Acid				N	N	N	
Toluene				N	N	N	
Xylene				Y	N	Y	0
Zinc Compounds	1.20E-01	304.20	1680.12	Y	N	Y	304
1,2,4-Trimethylbenzene		0.00		Y	N	Y	0
Total		496.40	2741.63				305
NOTES (1) Manganese Concentration From 1990 Wheeling -Pittsburgh Steel Corporation Data. Arsenic, Chromium, and Nickel Concentrations From 1991 Wheeling-Pittsburgh Steel Corporation Data. All other concentrations From 1993 Wheeling-Pittsburgh Steel Corporation Data. (2) De-Minimis values are not applicable to waste streams. (3) Moisture Content from conversations with Wheeling-Pittsburgh Steel Personnel.							
FORMULAS (a) Quantity Generated x (1 - (Percent Moisture/100)) x (Concentration/100) x 2,000.							

WORKSHEET E-2

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	<u>Waste Description:</u> Zinc Phosphate Sludge <u>Disposition:</u> Off-Site Landfill (Northfork Landfill) Process: <u>Coil Coating</u> <div style="display: flex; justify-content: space-between;"> 2001 2000 </div> Quantity Generated: 26 80 tons Threshold: 25,000 lbs Percent Moisture ⁽¹⁾ : 10 %						
Other Release Sources and Estimates							
Section 313 Chemical	Concentration ⁽¹⁾	Quantity ^(a) of 313 Chemical Released (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis ⁽²⁾ (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
	(Weight %)	2001	2000				
Ammonia				N	N	N	
Arsenic Compounds	2.00E-05	0	0	N	N	N	
Cadmium Compounds				N	N	N	
Chlorine				N	N	N	
Chromium Compounds	3.00E-03	1	4	Y	N	Y	1
Copper Compounds				N	N	N	
Cumene				N	N	N	
Cyanide Compounds	1.00E-04	0	0	N	N	N	
Glycol Ethers				Y	N	Y	
Ethylbenzene				Y	N	Y	
Formaldehyde				N	N	N	
Hydrochloric Acid				N	N	N	
Hydrogen Fluoride				N	N	N	
Lead Compounds	7.50E-03	4	11	N	Y	N	
Manganese Compounds				N	N	N	
Methyl Ethyl Ketone				N	N	N	
Methyl IsoButyl Ketone				N	N	N	
Molybdenum Trioxide				N	N	N	
n-Butyl Alcohol				Y	N	Y	
Naphthalene				Y	N	Y	
Nickel Compounds	1.50E+00	702	2,160	N	Y	N	
Nitric Acid				N	N	N	
sec-Butyl Alcohol				N	N	N	
Sulfuric Acid				N	N	N	
Toluene				N	N	N	
Xylene				Y	N	Y	
Zinc Compounds	3.10E+00	1,451	4,464	Y	Y	Y	1,451
1,2,4-Trimethylbenzene				Y	N	Y	
Total		2,158	6,639				1,452
NOTES (1) Concentrations From 1993 Wheeling-Pittsburgh Steel Corporation Data. (2) De-Minimis values are not applicable to waste streams. (3) Moisture Content from conversations with Wheeling-Pittsburgh Steel Corporation personnel.							
FORMULAS (a) Quantity Generated x (1 - (Percent Moisture/100)) x (Concentration/100) x 2,000.							

WORKSHEET E-3

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	Waste Description Waste Chromium from Paint Line Operation Disposition: Chemical Oxidation/Landfill <div style="display: flex; justify-content: space-between;"> <div> Enviroite of Ohio: Quantity Disposed: Threshold: </div> <div style="text-align: right;"> 2001 500 500 25,000 lbs </div> <div style="text-align: right;"> 2000 1,400 lbs 1,400 lbs </div> </div>						
Other Release Sources and Estimates							
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ⁽¹⁾ of 313 Chemical Released (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis ⁽²⁾ (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
		2001	2000				
Ammonia				N	N	N	
Arsenic Compounds				N	N	N	
Cadmium Compounds				N	N	N	
Chlorine				N	N	N	
Chromium Compounds	5.00E-02	0	1	Y	N	Y	0
Copper Compounds				N	N	N	
Cumene				N	N	N	
Cyanide Compounds				N	N	N	
Glycol Ethers				Y	N	Y	
Ethylbenzene				Y	N	Y	
Formaldehyde				N	N	N	
Hydrochloric Acid				N	N	N	
Hydrogen Fluoride				N	N	N	
Lead Compounds				N	Y	N	
Manganese Compounds				N	N	N	
Methyl Ethyl Ketone				N	N	N	
Methyl IsoButyl Ketone				N	N	N	
Molybdenum Trioxide				N	N	N	
n-Butyl Alcohol				Y	N	Y	
Naphthalene				Y	N	Y	
Nickel Compounds				N	N	N	
Nitric Acid				N	N	N	
sec-Butyl Alcohol				N	N	N	
Sulfuric Acid				N	N	N	
Toluene				N	N	N	
Xylene				Y	N	Y	
Zinc Compounds				Y	N	Y	
1,2,4-Trimethylbenzene				Y	N	Y	
Total		0	1				0
NOTES (1) Concentration estimated based on maximum concentration of hazardous waste classified as D007 (according to "Pollution Control Engineer's Handbook", 1985) multiplied by 100 (per engineering estimate) and divided by 10,000 to convert from mg/l to percent. (2) De-Minimis values are not applicable to waste streams.							
FORMULAS (a) Quantity Generated x (Concentration/100).							

WORKSHEET E-4

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	Waste Description Used Paint Rags/Solids from Paint Line Disposition: Fuels Blending or Stabilization/Landfill <div style="display: flex; justify-content: space-between;"> <div> 2001 Hukill Chemical Quantity Disposed: Threshold: </div> <div> 2000 11,400 lbs 11,400 lbs 25,000 lbs </div> </div>						
Other Release Sources and Estimates							
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ⁽¹⁾ of 313 Chemical Released (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis ⁽²⁾ (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
		2001	2000				
Ammonia				N	N	N	
Arsenic Compounds				N	N	N	
Cadmium Compounds	1.00E-02	1	1	N	N	N	
Chlorine				N	N	N	
Chromium Compounds	5.00E-02	5	6	Y	N	Y	5
Copper Compounds				N	N	N	
Cumene				N	N	N	
Cyanide Compounds				N	N	N	
Glycol Ethers				Y	N	Y	
Ethylbenzene				Y	N	Y	
Formaldehyde				N	N	N	
Hydrochloric Acid				N	N	N	
Hydrogen Fluoride				N	N	N	
Lead Compounds	5.00E-02	5	6	N	Y	N	
Manganese Compounds				N	N	N	
Methyl Ethyl Ketone	2.00E+00	191	228	N	Y	N	
Methyl IsoButyl Ketone				N	N	N	
Molybdenum Trioxide				N	N	N	
n-Butyl Alcohol				Y	N	Y	
Naphthalene				Y	N	Y	
Nickel Compounds				N	N	N	
Nitric Acid				N	N	N	
sec-Butyl Alcohol				N	N	N	
Sulfuric Acid				N	N	N	
Toluene				N	N	N	
Xylene				Y	N	Y	
Zinc Compounds				Y	N	Y	
1,2,4-Trimethylbenzene				Y	N	Y	
Total		201	241				5
NOTES (1) Concentrations estimated based on maximum concentrations of hazardous wastes classified as D006, D007, D008 and D035 (according to "Pollution Control Engineer's Handbook", 1985) multiplied by 100 (per engineering estimate) and divided by 10,000 to convert from mg/l to percent. (2) De-Minimis values are not applicable to waste streams.							
FORMULAS (a) Quantity Generated x (Concentration/100).							

WORKSHEET E-5

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

Other Release Sources and Estimates

Section 313 Chemical	Off-Site Releases												Total Land Releases (lbs)		
	Wastewater Treatment Sludge (lbs)			Zinc Phosphate Sludge (lbs)			Waste Chromium from Paint Line (lbs)			Used Paint Rags/Solids (lbs)					
	Released		Reportable	Released		Reportable	Released		Reportable	Released		Reportable	Released		Reportable ⁽¹⁾
	2001	2000	2001	2001	2000	2001	2001	2000	2001	2001	2000	2001	2001	2000	2001
Ammonia															
Arsenic Compounds	0	1		0	0								0	1	
Cadmium Compounds										1	1		1	1	
Chlorine															
Chromium Compounds	1	5	1	1	4	1	0	1	0	5	6	5	7	16	7
Copper Compounds	3	17											3	17	
Cumene															
Cyanide Compounds	0	1		0	0								0	1	
Glycol Ethers															
Ethylbenzene															
Formaldehyde															
Hydrochloric Acid															
Hydrogen Fluoride															
Lead Compounds	3	14		4	11					5	6		11	31	
Manganese Compounds	175	966											175	966	
Methyl Ethyl Ketone										191	228		191	228	
Methyl IsoButyl Ketone															
Molybdenum Trioxide															
n-Butyl Alcohol															
Naphthalene															
Nickel Compounds	10	57		702	2,160								712	2,217	
Nitric Acid															
sec-Butyl Alcohol															
Sulfuric Acid															
Toluene															
Xylene															
Zinc Compounds	304	1,680	304	1,451	4,464	1,451							1,755	6,144	1,755
1,2,4-Trimethylbenzene															
Totals	496	2,742	305	2,158	6,639	1,452	0	1	0	201	241	5	2,856	9,622	1,762

NOTES

(1) Reported in Section 6.2 of Form Rs.

(2) Component of Section 8.1, Column B, of Form Rs.

WORKSHEET F-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	Total Air Releases		Total Water Releases		Total Land Releases		Total Releases	
	lbs		lbs		lbs		lbs	
Section 313 Chemical	Released	Reportable	Released	Reportable	Released	Reportable	Released	Reportable(1)
Ammonia								
Arsenic Compounds					0		0	
Cadmium Compounds					1		1	
Chlorine			94				94	
Chromium Compounds			3	3	7	7	11	11
Copper Compounds					3		3	
Cumene	1,066						1,066	
Cyanide Compounds					0		0	
Glycol Ethers	37,961	37,961					37,961	37,961
Ethylbenzene	10,166	10,166					10,166	10,166
Formaldehyde	221						221	
Hydrochloric Acid								
Hydrogen Fluoride								
Lead Compounds			1		11		12	
Manganese Compounds			164		175		339	
Methyl Ethyl Ketone					191		191	
Methyl IsoButyl Ketone								
Molybdenum Trioxide								
n-Butyl Alcohol	18,853	18,853					18,853	18,853
Naphthalene	8,101	8,101					8,101	8,101
Nickel Compounds			8		712		720	
Nitric Acid								
sec-Butyl Alcohol	1,612						1,612	
Sulfuric Acid								
Toluene	4						4	
Xylene	16,236	16,236					16,236	16,236
Zinc Compounds			213	213	1,755	1,755	1,968	1,968
1,2,4-Trimethylbenzene	30,292	30,292					30,292	30,292
Totals	124,511	121,609	483	216	2,856	1,762	127,851	123,587
NOTES (1) Reported in Section 8.1, Column B, of Form Rs.								

WORKSHEET F-2

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -</p>	<p align="center">SOURCE REDUCTION AND RECYCLING ACTIVITIES</p> <p align="center">Quantity Released Reporting Values ⁽¹⁾</p>			
<p>Projections for 2002 and 2003 are based on the assumption that the production rate will remain relatively stable over the next two years and no major changes to equipment or operating procedures will be made.</p>				
<p>Section 313 Chemical</p>	<p align="center">Quantity Released</p>			
	2000	2001	2002	2003
Ammonia				
Arsenic Compounds				
Cadmium Compounds				
Chlorine				
Chromium Compounds	18	11	11	11
Copper Compounds				
Cumene				
Cyanide Compounds				
Glycol Ethers	43,163	37,961	37,961	37,961
Ethylbenzene		10,166		
Formaldehyde				
Hydrochloric Acid				
Hydrogen Fluoride				
Lead Compounds				
Manganese Compounds				
Methyl Ethyl Ketone				
Methyl IsoButyl Ketone				
Molybdenum Trioxide				
n-Butyl Alcohol	7,319	18,853	18,853	18,853
Naphthalene	6,905	8,101	8,101	8,101
Nickel Compounds				
Nitric Acid				
sec-Butyl Alcohol				
Sulfuric Acid				
Toluene				
Xylene	10,359	16,236	16,236	16,236
Zinc Compounds	6,263	1,968	1,968	1,968
1,2,4-Trimethylbenzene	31,835	30,292	30,292	30,292
Totals	105,862	123,587	113,421	113,421
NOTES				
(1) Reported in Section 8.1, Columns A through D, of Form Rs.				

WORKSHEET G-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		There were no energy recovery sources for the Beech Bottom Plant subject to SARA 313 regulations in 2001. Therefore, there is no data in this section.				
Energy Recovery Sources and Estimates						
Section 313 Chemical	Concentration (1) (Weight %)	Quantity (a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia			N	N	N	
Arsenic Compounds			N	N	N	
Cadmium Compounds			N	N	N	
Chlorine			N	N	N	
Chromium Compounds			Y	N	Y	
Copper Compounds			N	N	N	
Cumene			N	N	N	
Cyanide Compounds			N	N	N	
Glycol Ethers			Y	N	Y	
Ethylbenzene			Y	N	Y	
Formaldehyde			N	N	N	
Hydrochloric Acid			N	N	N	
Hydrogen Fluoride			N	N	N	
Lead Compounds			N	Y	N	
Manganese Compounds			N	N	N	
Methyl Ethyl Ketone			N	N	N	
Methyl IsoButyl Ketone			N	N	N	
Molybdenum Trioxide			N	N	N	
n-Butyl Alcohol			Y	N	Y	
Naphthalene			Y	N	Y	
Nickel Compounds			N	N	N	
Nitric Acid			N	N	N	
sec-Butyl Alcohol			N	N	N	
Sulfuric Acid			N	N	N	
Toluene			N	N	N	
Xylene			Y	N	Y	
Zinc Compounds			Y	N	Y	
1,2,4-Trimethylbenzene			Y	N	Y	
Totals		0				0

WORKSHEET G-2

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	SOURCE REDUCTION AND RECYCLING ACTIVITIES Quantity Used for Energy Recovery On-Site Reporting Values (1)				
No Reportable On-Site Energy Recovery Quantities					
Section 313 Chemical	Quantity Used for Energy Recovery On-Site				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">2000</td> <td style="width:25%;">2001</td> <td style="width:25%;">2002</td> <td style="width:25%;">2003</td> </tr> </table>	2000	2001	2002	2003
2000	2001	2002	2003		
Ammonia					
Arsenic Compounds					
Cadmium Compounds					
Chlorine					
Chromium Compounds					
Copper Compounds					
Cumene					
Cyanide Compounds					
Glycol Ethers					
Ethylbenzene					
Formaldehyde					
Hydrochloric Acid					
Hydrogen Fluoride					
Lead Compounds					
Manganese Compounds					
Methyl Ethyl Ketone					
Methyl IsoButyl Ketone					
Molybdenum Trioxide					
n-Butyl Alcohol					
Naphthalene					
Nickel Compounds					
Nitric Acid					
sec-Butyl Alcohol					
Sulfuric Acid					
Toluene					
Xylene					
Zinc Compounds					
1,2,4-Trimethylbenzene					
Totals					
NOTES					
(1) Reported in Section 8.2, Columns A through D, of Form Rs.					

WORKSHEET G-3

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	SOURCE REDUCTION AND RECYCLING ACTIVITIES Quantity Used for Energy Recovery Off-Site Reporting Values (1)				
No Reportable Off-Site Energy Recovery Quantities					
Section 313 Chemical	Quantity Used for Energy Recovery Off-Site				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">2000</td> <td style="width:25%;">2001</td> <td style="width:25%;">2002</td> <td style="width:25%;">2003</td> </tr> </table>	2000	2001	2002	2003
2000	2001	2002	2003		
Ammonia					
Arsenic Compounds					
Cadmium Compounds					
Chlorine					
Chromium Compounds					
Copper Compounds					
Cumene					
Cyanide Compounds					
Glycol Ethers					
Ethylbenzene					
Formaldehyde					
Hydrochloric Acid					
Hydrogen Fluoride					
Lead Compounds					
Manganese Compounds					
Methyl Ethyl Ketone					
Methyl IsoButyl Ketone					
Molybdenum Trioxide					
n-Butyl Alcohol					
Naphthalene					
Nickel Compounds					
Nitric Acid					
sec-Butyl Alcohol					
Sulfuric Acid					
Toluene					
Xylene					
Zinc Compounds					
1,2,4-Trimethylbenzene					
Totals					
NOTES (1) Reported in Section 8.3, Columns A through D, of Form Rs.					

WORKSHEET H-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		There were no recycle sources for the Beech Bottom Plant subject to SARA 313 regulations in 2001. Therefore, there is no data in this section.				
Recycle Sources and Estimates						
Section 313 Chemical	Concentration (1) (Weight %)	Quantity (a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (lbs)
Ammonia			N	N	N	
Arsenic Compounds			N	N	N	
Cadmium Compounds			N	N	N	
Chlorine			N	N	N	
Chromium Compounds			Y	N	Y	
Copper Compounds			N	N	N	
Cumene			N	N	N	
Cyanide Compounds			N	N	N	
Glycol Ethers			Y	N	Y	
Ethylbenzene			Y	N	Y	
Formaldehyde			N	N	N	
Hydrochloric Acid			N	N	N	
Hydrogen Fluoride			N	N	N	
Lead Compounds			N	Y	N	
Manganese Compounds			N	N	N	
Methyl Ethyl Ketone			N	N	N	
Methyl IsoButyl Ketone			N	N	N	
Molybdenum Trioxide			N	N	N	
n-Butyl Alcohol			Y	N	Y	
Naphthalene			Y	N	Y	
Nickel Compounds			N	N	N	
Nitric Acid			N	N	N	
sec-Butyl Alcohol			N	N	N	
Sulfuric Acid			N	N	N	
Toluene			N	N	N	
Xylene			Y	N	Y	
Zinc Compounds			Y	N	Y	
1,2,4-Trimethylbenzene			Y	N	Y	
Totals		0				

WORKSHEET H-2

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -</p>	<p align="center">SOURCE REDUCTION AND RECYCLING ACTIVITIES Quantity Recycled On-Site Reporting Values (1)</p>			
<p align="center">No Reportable On-Site Recycling Quantities</p>				
<p>Section 313 Chemical</p>	<p align="center">Quantity Recycled On-Site</p>			
	<p align="center">2000</p>	<p align="center">2001</p>	<p align="center">2002</p>	<p align="center">2003</p>
Ammonia				
Arsenic Compounds				
Cadmium Compounds				
Chlorine				
Chromium Compounds				
Copper Compounds				
Cumene				
Cyanide Compounds				
Glycol Ethers				
Ethylbenzene				
Formaldehyde				
Hydrochloric Acid				
Hydrogen Fluoride				
Lead Compounds				
Manganese Compounds				
Methyl Ethyl Ketone				
Methyl IsoButyl Ketone				
Molybdenum Trioxide				
n-Butyl Alcohol				
Naphthalene				
Nickel Compounds				
Nitric Acid				
sec-Butyl Alcohol				
Sulfuric Acid				
Toluene				
Xylene				
Zinc Compounds				
1,2,4-Trimethylbenzene				
Totals				
<p>NOTES (1) Reported in Section 8.4, Columns A through D, of Form Rs.</p>				

WORKSHEET H-3

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -</p>	<p align="center">SOURCE REDUCTION AND RECYCLING ACTIVITIES</p> <p align="center">Quantity Recycled Off-Site Reporting Values (1)</p>			
<p align="center">No Reportable Off-Site Recycling Quantities</p>				
Section 313 Chemical	Quantity Recycled Off-Site			
	2000	2001	2002	2003
Ammonia				
Arsenic Compounds				
Cadmium Compounds				
Chlorine				
Chromium Compounds				
Copper Compounds				
Cumene				
Cyanide Compounds				
Glycol Ethers				
Ethylbenzene				
Formaldehyde				
Hydrochloric Acid				
Hydrogen Fluoride				
Lead Compounds				
Manganese Compounds				
Methyl Ethyl Ketone				
Methyl IsoButyl Ketone				
Molybdenum Trioxide				
n-Butyl Alcohol				
Naphthalene				
Nickel Compounds				
Nitric Acid				
sec-Butyl Alcohol				
Sulfuric Acid				
Toluene				
Xylene				
Zinc Compounds				
1,2,4-Trimethylbenzene				
Totals				
<p>NOTES (1) Reported in Section 8.5, Columns A through D, of Form Rs.</p>				

WORKSHEET I-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	Process Wastewaters Disposition: On-Site Treatment By Precipitation Process: <u>Coil Coating</u> <div style="display: flex; justify-content: space-around;"> 2001 2000 </div> Quantity Generated ⁽¹⁾ : 0.0270 0.0270 MGD Threshold: 25,000 lbs Treatment Efficiency ⁽²⁾ : 0 %										
Wastewater Treatment Sources and Estimates											
Section 313 Chemical	Concentration ^(a) (Weight %)		Quantity ^(b) of 313 Chemical Treated (lbs)		Quantity ^(b) of 313 Chemical Removed (lbs)		Removal ^(c,5) Efficiency (%)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	2001 Reportable Quantity (lbs)
	2001	2000	2001	2000	2001	2000					
Ammonia								N	N	N	
Arsenic Compounds	2.87E-07	1.59E-06			0	1	100.0	N	N	N	
Cadmium Compounds								N	N	N	
Chlorine								N	N	N	
Chromium Compounds	1.15E-06	6.35E-06			1	5	99.9	Y	N	Y	
Copper Compounds	3.70E-06	2.04E-05			3	17	100.0	N	N	N	
Cumene								N	N	N	
Cyanide Compounds	1.54E-07	8.51E-07			0	1	99.4	N	N	N	
Glycol Ethers								Y	N	Y	
Ethylbenzene								Y	N	Y	
Formaldehyde								N	N	N	
Hydrochloric Acid								N	N	N	
Hydrogen Fluoride								N	N	N	
Lead Compounds	3.08E-06	1.70E-05			3	14	100.0	N	Y	N	
Manganese Compounds	2.13E-04	1.17E-03			175	966	100.0	N	N	N	
Methyl Ethyl Ketone								N	N	N	
Methyl IsoButyl Ketone								N	N	N	
Molybdenum Trioxide								N	N	N	
n-Butyl Alcohol								Y	N	Y	
Naphthalene								Y	N	Y	
Nickel Compounds (4)	1.26E-05	6.98E-05			10	57	100.0	N	N	N	
Nitric Acid								N	N	N	
sec-Butyl Alcohol								N	N	N	
Sulfuric Acid								N	N	N	
Toluene								N	N	N	
Xylene								Y	N	Y	
Zinc Compounds	3.70E-04	2.04E-03			304	1,680	100.0	Y	N	Y	
1,2,4-Trimethylbenzene								Y	N	Y	
Total					496	2,742					
NOTES (1) Based On 2000 and 2001 Wheeling-Pittsburgh Steel Corporation Data. (2) Treatment Efficiency Is 0 Because There Is No Destruction Of Chemicals During Treatment. (3) Equivalent To Sludge Release Quantity. (4) Removal Efficiency For Nickel Is Based On Best Engineering Judgment. (5) A Removal Efficiency Of 100% Indicates That No Data Is Available Regarding Water Release Quantity. FORMULAS (a) (Sludge Release Quantity + Water Release Quantity)/(Quantity Of Wastewater Generated x 8.345 x 10 ⁴ x 365). (b) Quantity Of Wastewater Generated x Concentration x 8.345 x 10 ⁴ x 365 x (Treatment Efficiency/100). (c) [(Sludge Release Quantity)/(Sludge Release Quantity + Water Release Quantity)] x 100.											

[illegible]

WORKSHEET I-2

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

Total Wastewater Treatment Sources and Estimates

Section 313 Chemical	On-Site				Total On-Site	
	Process Wastewater By Neutralization		Process Wastewater By Precipitation		Wastewater Treatment Quantities	
	lbs		lbs		lbs	
	Treated	Reportable	Treated	Reportable	Treated	Reportable
Ammonia						
Arsenic Compounds						
Cadmium Compounds						
Chlorine						
Chromium Compounds						
Copper Compounds						
Cumene						
Cyanide Compounds						
Glycol Ethers						
Ethylbenzene						
Formaldehyde						
Hydrochloric Acid						
Hydrogen Fluoride						
Lead Compounds						
Manganese Compounds						
Methyl Ethyl Ketone						
Methyl IsoButyl Ketone						
Molybdenum Trioxide						
n-Butyl Alcohol						
Naphthalene						
Nickel Compounds						
Nitric Acid						
sec-Butyl Alcohol						
Sulfuric Acid	#REF!				#REF!	
Toluene						
Xylene						
Zinc Compounds						
1,2,4-Trimethylbenzene						
Totals	#REF!				#REF!	
NOTES						

WORKSHEET I-5

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2001 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

Total Air Treatment Sources and Estimates

Section 313 Chemical	Air Treatment Sources				Total On-Site Air Treatment Quantities	
	Primer Line		Finishing Line			
	lbs		lbs		lbs	
	Treated	Reportable	Treated	Reportable	Treated	Reportable
Ammonia						
Arsenic Compounds						
Cadmium Compounds						
Chlorine						
Chromium Compounds						
Copper Compounds						
Cumene	655		4,059		4,714	
Cyanide Compounds						
Glycol Ethers	23,323	23,323	144,552	144,552	167,875	167,875
Ethylbenzene	6,246	6,246	38,713	38,713	44,960	44,960
Formaldehyde	136		841		976	
Hydrochloric Acid						
Hydrogen Fluoride						
Lead Compounds						
Manganese Compounds						
Methyl Ethyl Ketone						
Methyl IsoButyl Ketone						
Molybdenum Trioxide						
n-Butyl Alcohol	11,583	11,583	71,790	71,790	83,374	83,374
Naphthalene	4,977	4,977	30,849	30,849	35,827	35,827
Nickel Compounds						
Nitric Acid						
sec-Butyl Alcohol	990		6,137		7,128	
Sulfuric Acid						
Toluene	2		15		18	
Xylene	9,976	9,976	61,827	61,827	71,803	71,803
Zinc Compounds						
1,2,4-Trimethylbenzene	18,611	18,611	115,349	115,349	133,960	133,960
Totals	76,499	74,716	474,134	463,081	550,633	537,797

NOTES

WORKSHEET I-8

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	SOURCE REDUCTION AND RECYCLING ACTIVITIES Quantity Treated On-Site Reporting Values (1)
Projections for 2001 and 2002 are based on the assumption that the production rate will remain relatively stable over the next two years and no major changes to equipment or operating procedures will be made.	
Section 313 Chemical	Quantity Treated On-Site
	<div style="display: flex; justify-content: space-around;"> 2000 2001 2002 2003 </div>
Ammonia	
Arsenic Compounds	
Cadmium Compounds	
Chlorine	
Chromium Compounds	
Copper Compounds	
Cumene	
Cyanide Compounds	
Glycol Ethers	190,881 167,875 167,875 167,875
Ethylbenzene	44,960 44,960 44,960
Formaldehyde	
Hydrochloric Acid	
Hydrogen Fluoride	
Lead Compounds	
Manganese Compounds	
Methyl Ethyl Ketone	
Methyl IsoButyl Ketone	
Molybdenum Trioxide	
n-Butyl Alcohol	32,365 83,374 83,374 83,374
Naphthalene	30,535 35,827 35,827 35,827
Nickel Compounds	
Nitric Acid	
sec-Butyl Alcohol	
Sulfuric Acid	
Toluene	
Xylene	45,813 71,803 71,803 71,803
Zinc Compounds	
1,2,4-Trimethylbenzene	140,785 133,960 133,960 133,960
Totals	440,379 537,797 537,797 537,797
NOTES (1) Reported in Section 8.6, Columns A through D, of Form Rs.	

WORKSHEET I-9

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -</p>	<p align="center">SOURCE REDUCTION AND RECYCLING ACTIVITIES</p> <p align="center">Quantity Treated Off-Site Reporting Values (1)</p>			
<p align="center">No Reportable Off-Site Treatment Quantities</p>				
<p>Section 313 Chemical</p>	<p align="center">Quantity Treated Off-Site</p>			
	2000	2001	2002	2003
Ammonia				
Arsenic Compounds				
Cadmium Compounds				
Chlorine				
Chromium Compounds				
Copper Compounds				
Cumene				
Cyanide Compounds				
Glycol Ethers				
Ethylbenzene				
Formaldehyde				
Hydrochloric Acid				
Hydrogen Fluoride				
Lead Compounds				
Manganese Compounds				
Methyl Ethyl Ketone				
Methyl IsoButyl Ketone				
Molybdenum Trioxide				
n-Butyl Alcohol				
Naphthalene				
Nickel Compounds				
Nitric Acid				
sec-Butyl Alcohol				
Sulfuric Acid				
Toluene				
Xylene				
Zinc Compounds				
1,2,4-Trimethylbenzene				
Totals				
<p>NOTES (1) Reported in Section 8.7, Columns A through D, of Form Rs.</p>				

WORKSHEET J-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -		There were no non-production related releases or off-site transfers for the Beech Bottom Plant subject to SARA 313 regulations in 2001. Therefore, there is no data in this section.				
Non-Production Related Releases and Off-Site Transfers Sources and Estimates						
Section 313 Chemical	Concentration (1) (Weight %)	Quantity (a) of 313 Chemical Released (lbs)	Exceeds Threshold for Facility (Y or N)	Reportable Based On De-Minimis (Y or N)	Reportable For Facility (Y or N)	Reportable Quantity (1) (lbs)
Ammonia			N	N	N	
Arsenic Compounds			N	N	N	
Cadmium Compounds			N	N	N	
Chlorine			N	N	N	
Chromium Compounds			Y	N	Y	
Copper Compounds			N	N	N	
Cumene			N	N	N	
Cyanide Compounds			N	N	N	
Glycol Ethers			Y	N	Y	
Ethylbenzene			Y	N	Y	
Formaldehyde			N	N	N	
Hydrochloric Acid			N	N	N	
Hydrogen Fluoride			N	N	N	
Lead Compounds			N	Y	N	
Manganese Compounds			N	N	N	
Methyl Ethyl Ketone			N	N	N	
Methyl IsoButyl Ketone			N	N	N	
Molybdenum Trioxide			N	N	N	
n-Butyl Alcohol			Y	N	Y	
Naphthalene			Y	N	Y	
Nickel Compounds			N	N	N	
Nitric Acid			N	N	N	
sec-Butyl Alcohol			N	N	N	
Sulfuric Acid			N	N	N	
Toluene			N	N	N	
Xylene			Y	N	Y	
Zinc Compounds			Y	N	Y	
1,2,4-Trimethylbenzene			Y	N	Y	
Totals		0				0
NOTES (1) Reported in Section 8.7 of Form Rs.						

WORKSHEET K-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2001 SARA Title III - - Section 313 Reporting -	
Activity Indices/ Production Ratios	
Section 313 Chemical	Activity Index/ Production Ratio (1)
Ammonia	
Arsenic Compounds	
Cadmium Compounds	
Chlorine	
Chromium Compounds (2)	0.94
Copper Compounds	
Cumene	
Cyanide Compounds	
Glycol Ethers (2)	0.94
Ethylbenzene	
Formaldehyde	
Hydrochloric Acid	
Hydrogen Fluoride	
Lead Compounds	
Manganese Compounds	
Methyl Ethyl Ketone	
Methyl IsoButyl Ketone	
Molybdenum Trioxide	
n-Butyl Alcohol (2)	0.94
Naphthalene (2)	0.94
Nickel Compounds	
Nitric Acid	
sec-Butyl Alcohol	
Sulfuric Acid	
Toluene	
Xylene (2)	0.94
Zinc Compounds (2)	0.94
1,2,4-Trimethylbenzene (2)	0.94
NOTES (1) Reported in Section 8.8 of Form Rs. (2) Quantity of Steel Processed on Coil Coating Line in 2001 / Quantity of Steel Processed on Coil Coating Line in 2000.	

Wheeling Corrugating Company
Beech Bottom Plant SARA Section 313 Questionnaire - 2001 Reporting Year

Item of Interest	Reporting Year			Units	2001 Contact	
	1999	2000	2001		Name	Phone No.
1) Quantity of Coating Line Steel Processed	147,718	162,199	151,932	Tons	LouAnn McGee	(304)234-4274
2) Quantity of Sulfuric Acid Used (93.2% by wt.)	15,682	15,682		Gallons	LouAnn McGee	(304)234-4274
3) Quantity of Chlorine Used	2,800	2,800	1,715	Pounds	LouAnn McGee	(304)234-4274
4) Quantity of Nitric Acid Used	43	0	0	Gallons	LouAnn McGee	(304)234-4274
5) Quantity of Bulk 309R Used (formerly 346WX)	410,000	420,000	281,411	Pounds	LouAnn McGee	(304)234-4274
6) Quantity of Bulk Bond NP400B	116,000	120,000	187,395	Pounds	LouAnn McGee	(304)234-4274
7) Quantity of Bulk Phosbond #1 Used	15,250	16,000		Pounds	LouAnn McGee	(304)234-4274
8) Quantity of Bulk Kleen 968L (formerly 7200W) Used	250,000	270,000	28,595	Pounds	LouAnn McGee	(304)234-4274
9) Quantity of Coating Line Paint Used						
Valspar PMA0327 - Backer	443,212	44,211	46,541	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar PMA0895 - Roof Deck	790,969	57,876	7,218	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar PMW0674 - Liner Panel White	13,085	0	3,081	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar PMW1704	3,241	2,260	433	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar PMY0302	0	0	2,450	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar PTY0016 - Primer	673,606	56,106	53,817	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPA0056 - Pewter Gray	72,787	6,114	7,933	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPA0057 - Black	16,616	0	1,798	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPA0085 - Quaker Gray	52,206	3,027	5,202	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPB0084 - Brown	64,616	9,771	8,495	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPB0109 - Ant. Brown	17,149	2,906	2,104	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPD0073 - Rawhide/Tan	49,644	3,064	4,674	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPD0074 - Beige	68,421	12,797	8,585	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPD0126 - Sandstone	40,320	5,495	5,842	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPD0157 - Clay	31,813	0	2,378	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPG0074 - Evergreen	173,862	19,209	19,644	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPL0083 - Slate Blue	30,130	3,296	3,973	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPR0062 - Barn Red	108,266	22,388	10,750	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPR0133 - Burgundy	12,171	0	922	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPW0040 - White	492,650	54,798	36,775	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Valspar SPW0203	0	0	10,001	Gallons	LouAnn McGee/ Valspar	(304)234-4274
Yenkin-Majestic E-1388	165,721	625,857	51,532	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-2325	556,061	0	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-2420	---	603,539	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-2421	---	151,140	90,116	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-2489	---	34,577	16,692	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-2583	---	1,065	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic E-7949	66,637	197,401	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic P-9810	95,076	258,217	23,296	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic SW5X32253	---	1,287	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
Yenkin-Majestic UY9R24235A	---	1,144	0	Gallons	LouAnn McGee/ Yenkin-Majestic	(304)234-4274
10) Quantity of Wastewater Treatment Sludge Generated	466	1,077	195	Tons	LouAnn McGee	(304)234-4274
11) Quantity of Zinc Phosphate Sludge Generated	73	80	26	Tons	LouAnn McGee	(304)234-4274
12) Quantity of Waste Paint Rags Generated	---	11,400	9,539	Pounds	LouAnn McGee	(304)234-4274
13) Quantity of Waste Chromium Generated	---	1,400	500	Pounds	LouAnn McGee	(304)234-4274

Notes:

Nitric Acid Used (gallons/yr) = [0 lbs/yr (from SARA 312) / [1.41 s.g. * 8.34 lb/gal]

Total Coating Use

424,252

**2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY
WHEELING CORRUGATING COMPANY - BEECH BOTTOM PLANT**

**Contents of Spreadsheet
(continued)**

Corresponds to Form R Sections:
8.1 Quantity Released (Sum of Worksheets C, D, & E)

Corresponds to Form R Sections:
6.2 Transfers to Other Off-Site Locations (Production-Related Energy Recovery Sources Only:
Codes M56 & M92)
8.2 Quantity Used for Energy Recovery On-Site
8.3 Quantity Used for Energy Recovery Off-Site

Corresponds to Form R Section:
6.2 Transfers to Other Off-Site Locations (Production-Related Recycle Sources Only: Codes M20,
M24, M26, M28, & M93)
8.4 Quantity Recycled On-Site
8.5 Quantity Recycled Off-Site

Corresponds to Form R Sections:
6.1 Discharges to Publicly Owned Treatment Works
6.2 Transfers to Other Off-Site Locations (Production-Related Treatment Sources Only: Codes
8.6 Quantity Treated On-Site M40, M50, M54, M61, M69, & M95)
8.7 Quantity Treated Off-Site

Corresponds to Form R Sections:
6.2 Transfers to Other Off-Site Locations (Non-Production Related Releases to Land and Energy
Recovery, Recycle, and Treatment Sources Only)
8.8 Quantity Released to the Environment as a Result of Remedial Actions, Catastrophic Events, or
One-Time Events Not Associated with Production Processes

Corresponds to Form R Sections:
8.9 Production Ratio or Activity Index

WORKSHEET A-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			
Facility Section 313 Chemicals and De-Minimis Concentrations			
Section 313 Chemical ⁽¹⁾	De-Minimis Concentration (Weight %)	Coil Coating Volatile Compound (N or Y)	Coil Coating Reportable Chemical (N or Y)
Ammonia	1.0	N	N
Antimony Compounds	1.0	N	N
Arsenic Compounds	0.1	N	N
Cadmium Compounds	0.1	N	N
Chlorine	1.0	N	N
Chromium Compounds	0.1	N	Y
Cobalt Compounds	0.1	N	N
Copper Compounds	1.0	N	N
Cumene	1.0	Y	N
Cyanide Compounds	1.0	N	N
Dimethyl Phthalate	1.0	Y	N
Glycol Ethers	1.0	Y	Y
Ethyl Acrylate	0.1	Y	N
Ethylbenzene	0.1	Y	Y
Formaldehyde	0.1	Y	N
Hydrochloric Acid	1.0	N	N
Hydrogen Fluoride	1.0	N	N
Lead Compounds	0.0	N	N
Manganese Compounds	1.0	N	N
Methyl Ethyl Ketone	1.0	Y	N
Methyl IsoButyl Ketone	1.0	Y	N
Molybdenum Trioxide	1.0	N	N
n-Butyl Alcohol	1.0	Y	Y
Naphthalene	1.0	Y	Y
Nickel Compounds	0.1	N	N
Nitric Acid	1.0	N	Y
sec-Butyl Alcohol	1.0	Y	N
Sulfuric Acid	1.0	N	N
Toluene	1.0	Y	N
Xylene	1.0	Y	Y
Zinc Compounds	1.0	N	Y
1,2,4-Trimethylbenzene	1.0	Y	Y
NOTES ⁽¹⁾ Sulfuric Acid is only reportable as a fume.			

WORKSHEET A-2

**WHEELING CORRUGATING COMPANY
BEECH BOTTOM PLANT**

- 2002 SARA Title III -
- Section 313 Reporting -

Facility Section 313 Chemicals and
Quantities Manufactured, Processed and Otherwise Used

Section 313 Chemical	Amount Manufactured (lbs)	Manufactured Reportable Chemical (N or Y)	Amount Processed (lbs)	Processed Reportable Chemical (N or Y)	Amount Otherwise Used (lbs)	Otherwise Used Reportable Chemical (N or Y)	Facility Reportable Chemical (Y or N)
Ammonia	0	N	0	N	0	N	N
Antimony Compounds	0	N	2,804	N	0	N	N
Arsenic Compounds	0	N	0	N	0	N	N
Cadmium Compounds	0	N	0	N	0	N	N
Chlorine	0	N	0	N	1,798	N	N
Chromium Compounds	0	N	111,382	Y	5,208	N	Y
Cobalt Compounds	0	N	60	N	0	N	N
Copper Compounds	0	N	38	N	0	N	N
Cumene	0	N	6,307	N	0	N	N
Cyanide Compounds	0	N	0	N	0	N	N
Dimethyl Phthalate	0	N	38	N	0	N	N
Glycol Ethers	0	N	172,109	Y	0	N	Y
Ethyl Acrylate	0	N	0	N	0	N	N
Ethylbenzene	0	N	43,841	Y	0	N	Y
Formaldehyde	0	N	1,268	N	0	N	N
Hydrochloric Acid	0	N	0	N	0	N	N
Hydrogen Fluoride	0	N	0	N	0	N	N
Lead Compounds	0	N	1,140	N	0	N	N
Manganese Compounds	0	N	571	N	0	N	N
Methyl Ethyl Ketone	0	N	3,683	N	0	N	N
Methyl IsoButyl Ketone	0	N	0	N	0	N	N
Molybdenum Trioxide	0	N	0	N	0	N	N
n-Butyl Alcohol	0	N	131,830	Y	0	N	Y
Naphthalene	0	N	59,086	Y	0	N	Y
Nickel Compounds	0	N	1,856	N	8,374	N	N
Nitric Acid	0	N	0	N	27,635	Y	Y
sec-Butyl Alcohol	0	N	5,140	N	0	N	N
Sulfuric Acid	0	N	0	N	0	N	N
Toluene	0	N	215	N	0	N	N
Xylene	0	N	83,410	Y	0	N	Y
Zinc Compounds	0	N	33,619	Y	10,468	Y	Y
1,2,4-Trimethylbenzene	0	N	163,149	Y	0	N	Y
Totals			821,545		53,484		

** Sulfuric Acid "N" manually inserted due to only fume reportability

WORKSHEET B-1

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Coating Line Steel</u> INFORMATIONAL PURPOSES ONLY - ARTICLE EXEMPTION APPLIES 2002 2001 Total Processed(tons): 182,496 151,932 Threshold: 25,000 lbs			
Section 313 Chemicals Contained in Steel Coated						
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)		Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds	0.001	0.001	3,650	3,039	N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	0.020	0.014	72,998	42,541	Y	N
Cobalt Compounds					N	N
Copper Compounds	0.029	0.019	105,848	57,734	N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers					Y	N
Ethyl Acrylate					N	N
Ethylbenzene					Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds	0.380	0.410	1,386,970	1,245,842	N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum ⁽²⁾	0.006	0.006	21,900	18,232	N	N
n-Butyl Alcohol					Y	N
Naphthalene					Y	N
Nickel Compounds	0.005	0.005	18,250	15,193	N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene					Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Totals			1,609,615	1,382,581		
NOTES (1)Concentrations From 2001 and 2000 Wheeling-Pittsburgh Steel Corporation Analysis. (2)Reportable As Molybdenum Trioxide; Multiply By 1.5 To Obtain Molybdenum Trioxide Concentration And Quantity.						
FORMULAS (a)Total Processed x (Concentration/100) x 2,000.						

WORKSHEET B-2

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -		<u>Sulfuric Acid (liquid) ⁽²⁾</u> Total Used (2002): NA gal Total Used (2001): NA gal Density: 14.2 lbs/gal Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Water and Wastewater Treatment Supplies - Sulfuric Acid					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2002	2001		
Ammonia				N	N
Antimony Compounds				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds				Y	N
Cobalt Compounds				N	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Dimethyl Phthalate				N	N
Glycol Ethers				Y	N
Ethyl Acrylate				N	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				Y	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		0	0		
NOTES (1) Concentrations From Material Safety Data Sheet. (2) Sulfuric acid is only reportable as an aerosol.					
FORMULAS (a) Total Used x Density x (Concentration/100).					

WORKSHEET B-3

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -		<u>Chlorine</u> Total Used (2002): 1,800 lbs Total Used (2001): 1,715 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Water and Wastewater Treatment Supplies - Chlorine					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2002	2001		
Ammonia				N	N
Antimony Compounds				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine	99.9	1,798	1,713	N	Y
Chromium Compounds				Y	N
Cobalt Compounds				N	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Dimethyl Phthalate				N	N
Glycol Ethers				Y	N
Ethyl Acrylate				N	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				Y	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		1,798	1,713		
NOTES					
(1) Concentrations From Material Safety Data Sheet.					
FORMULAS					
(a) Total Used x (Concentration/100).					

WORKSHEET B-4

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Water and
Wastewater Treatment Supplies**

Section 313 Chemical	Water and Wastewater Treatment Supplies				Total Quantity (lbs)	
	Sulfuric Acid		Chlorine			
	(lbs)		(lbs)			
	2002	2001	2002	2001	2002	2001
Ammonia						
Antimony Compounds						
Arsenic Compounds						
Cadmium Compounds						
Chlorine			1,798	1,713	1,798	1,713
Chromium Compounds						
Cobalt Compounds						
Copper Compounds						
Cumene						
Cyanide Compounds						
Dimethyl Phthalate						
Glycol Ethers						
Ethyl Acrylate						
Ethylbenzene						
Formaldehyde						
Hydrochloric Acid						
Hydrogen Fluoride						
Lead Compounds						
Manganese Compounds						
Methyl Ethyl Ketone						
Methyl IsoButyl Ketone						
Molybdenum Trioxide						
n-Butyl Alcohol						
Naphthalene						
Nickel Compounds						
Nitric Acid						
sec-Butyl Alcohol						
Sulfuric Acid						
Toluene						
Xylene						
Zinc Compounds						
1,2,4-Trimethylbenzene						
Totals	0	0	1,798	1,713	1,798	1,713

WORKSHEET B-5

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Water and
Wastewater Treatment Supplies
Greater Than De-Minimis Concentration**

Section 313 Chemical	Water and Wastewater Treatment Supplies		Total Quantity > De-Minimis (lbs)
	Sulfuric Acid (lbs)	Chlorine (lbs)	
Ammonia			
Antimony Compounds			
Arsenic Compounds			
Cadmium Compounds			
Chlorine		1,798	1,798
Chromium Compounds			
Cobalt Compounds			
Copper Compounds			
Cumene			
Cyanide Compounds			
Dimethyl Phthalate			
Glycol Ethers			
Ethyl Acrylate			
Ethylbenzene			
Formaldehyde			
Hydrochloric Acid			
Hydrogen Fluoride			
Lead Compounds			
Manganese Compounds			
Methyl Ethyl Ketone			
Methyl IsoButyl Ketone			
Molybdenum Trioxide			
n-Butyl Alcohol			
Naphthalene			
Nickel Compounds			
Nitric Acid			
sec-Butyl Alcohol			
Sulfuric Acid			
Toluene			
Xylene			
Zinc Compounds			
1,2,4-Trimethylbenzene			
Totals	0	1,798	1,798

WORKSHEET B-6

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -		<u>Bulk 309R</u> Total Used (2002): 418,717 lbs Total Used (2001): 281,411 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Chemical Cleaners - Bulk 309R					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2002	2001		
Ammonia				N	N
Antimony Compounds				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds				Y	N
Cobalt Compounds				N	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Dimethyl Phthalate				N	N
Glycol Ethers				Y	N
Ethyl Acrylate				N	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride	0.2	837	563	N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds	2	8,374	5,628	N	Y
Nitric Acid	6.60	27,635	18,573	Y	Y
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds	2.5	10,468	7,035	Y	Y
1,2,4-Trimethylbenzene				Y	N
Totals		47,315	31,799		
NOTES					
(1)Concentrations From 6/2/99 Bulk Chemicals Material Safety Data Sheet.					
FORMULAS					
(a)Total Used x (Concentration/100).					

WORKSHEET B-7

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -		Bulk Bond NP400B Total Used (2002): 130,200 lbs Total Used (2001): 187,395 lbs Threshold: 10,000 lbs			
Section 313 Chemicals Contained in Chemical Cleaners - Bulk Bond NP400B					
Section 313 Chemical	Concentration ⁽¹⁾ (Weight %)	Quantity ^(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
		2002	2001		
Ammonia				N	N
Antimony Compounds				N	N
Arsenic Compounds				N	N
Cadmium Compounds				N	N
Chlorine				N	N
Chromium Compounds	4	5,208	7,496	Y	Y
Cobalt Compounds				N	N
Copper Compounds				N	N
Cumene				N	N
Cyanide Compounds				N	N
Dimethyl Phthalate				N	N
Glycol Ethers				Y	N
Ethyl Acrylate				N	N
Ethylbenzene				Y	N
Formaldehyde				N	N
Hydrochloric Acid				N	N
Hydrogen Fluoride				N	N
Lead Compounds				N	Y
Manganese Compounds				N	N
Methyl Ethyl Ketone				N	N
Methyl IsoButyl Ketone				N	N
Molybdenum Trioxide				N	N
n-Butyl Alcohol				Y	N
Naphthalene				Y	N
Nickel Compounds				N	N
Nitric Acid				Y	N
sec-Butyl Alcohol				N	N
Sulfuric Acid				N	N
Toluene				N	N
Xylene				Y	N
Zinc Compounds				Y	N
1,2,4-Trimethylbenzene				Y	N
Totals		5,208	7,496		
NOTES					
(1) Concentrations From Material Safety Data Sheet.					
FORMULAS					
(a) Total Used x (Concentration/100).					

WORKSHEET B-8

<p align="center">WHEELING CORRUGATING CO. BEECH BOTTOM PLANT 2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY Summary of Section 313 Chemicals Contained in Chemical Cleaners</p>						
Section 313 Chemical	Chemical Cleaners				Total Quantity	
	Bulk 309R (lbs)		Bulk Bond NP400B (lbs)		(lbs)	
	2002	2001	2002	2001	2002	2001
Ammonia						
Antimony Compounds						
Arsenic Compounds						
Cadmium Compounds						
Chlorine						
Chromium Compounds			5,208	7,496	5,208	7,496
Cobalt Compounds						
Copper Compounds						
Cumene						
Cyanide Compounds						
Dimethyl Phthalate						
Glycol Ethers						
Ethyl Acrylate						
Ethylbenzene						
Formaldehyde						
Hydrochloric Acid						
Hydrogen Fluoride	837	563			837	563
Lead Compounds						
Manganese Compounds						
Methyl Ethyl Ketone						
Methyl IsoButyl Ketone						
Molybdenum Trioxide						
n-Butyl Alcohol						
Naphthalene						
Nickel Compounds	8,374	5,628			8,374	5,628
Nitric Acid	27,635	18,573			27,635	18,573
sec-Butyl Alcohol						
Sulfuric Acid						
Toluene						
Xylene						
Zinc Compounds	10,468	7,035			10,468	7,035
1,2,4-Trimethylbenzene						
Totals	47,315	31,799	5,208	7,496	52,523	39,295

WORKSHEET B-9

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT 2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY			
Summary of Section 313 Chemicals Contained in Chemical Cleaners In Greater Than De-Minimis Concentration			
Section 313 Chemical	Chemical Cleaners		Total Quantity > De-Minimis (lbs)
	Bulk 346WX (lbs)	Bulk Bond NP400B (lbs)	
Ammonia			
Antimony Compounds			
Arsenic Compounds			
Cadmium Compounds			
Chlorine			
Chromium Compounds		5,208	5,208
Cobalt Compounds			
Copper Compounds			
Cumene			
Cyanide Compounds			
Dimethyl Phthalate			
Glycol Ethers			
Ethyl Acrylate			
Ethylbenzene			
Formaldehyde			
Hydrochloric Acid			
Hydrogen Fluoride			
Lead Compounds			
Manganese Compounds			
Methyl Ethyl Ketone			
Methyl IsoButyl Ketone			
Molybdenum Trioxide			
n-Butyl Alcohol			
Naphthalene			
Nickel Compounds	8,374		8,374
Nitric Acid	27,635		27,635
sec-Butyl Alcohol			
Sulfuric Acid			
Toluene			
Xylene			
Zinc Compounds	10,468		10,468
1,2,4-Trimethylbenzene			
Totals	46,478	5,208	51,686

WORKSHEET B-10

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic E-1388 White</u> <div style="display: flex; justify-content: space-around;"> 2002 2001 </div> Processed/Used (gals): 52,643 51,532 Density (lb/gal): 11.539 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers	5.40	5.40	32,802	32,110	Y	Y
Ethyl Acrylate					N	N
Ethylbenzene	0.50	0.50	3,037	2,973	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene	2.00	2.00	12,149	11,893	Y	Y
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	2.00	2.00	12,149	11,893	Y	Y
Zinc Compounds	4.40	4.40	26,728	26,164	Y	Y
1,2,4-Trimethylbenzene					Y	N
Total			86,865	85,032		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-11

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			Yenkin-Majestic P-9810 Primer 2002 2001 Processed/Used (gals): 9,668 23,296 Density (lb/gal): 9.59 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers	2.79	2.79	2,587	6,233	Y	Y
Ethyl Acrylate					N	N
Ethylbenzene	0.80	0.80	742	1,787	Y	Y
Formaldehyde	0.20	0.20	185	447	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	1.50	1.50	1,391	3,351	Y	Y
Naphthalene	2.00	2.00	1,854	4,468	Y	Y
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	2.30	2.30	2,132	5,138	Y	Y
Zinc Compounds	1.19	1.19	1,101	2,653	Y	Y
1,2,4-Trimethylbenzene					Y	N
Total			9,993	24,078		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-12

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic E-2421 Regular Gray</u> <div style="display: flex; justify-content: space-around;"> 2002 2001 </div> Processed/Used (gals): 64,136 90,116 Density (lb/gal): 10.75 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers					Y	N
Ethyl Acrylate					N	N
Ethylbenzene	5.00	5.00	34,473	48,437	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	5.00	5.00	34,473	48,437	Y	Y
Naphthalene					Y	N
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	5.00	5.00	34,473	48,437	Y	Y
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	5.00	5.00	34,473	48,437	Y	Y
Total			137,892	193,749		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-13

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Yenkin-Majestic E-2489 High Heat Gray</u> <div style="display: flex; justify-content: space-around;"> 2002 2001 </div> Processed/Used (gals): 38,994 16,692 Density (lb/gal): 9.5 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers	5.00	5.00	18,522	7,929	Y	Y
Ethyl Acrylate					N	N
Ethylbenzene	1.00	1.00	3,704	1,586	Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	10.00	10.00	37,044	15,857	Y	Y
Naphthalene	5.00	5.00	18,522	7,929	Y	Y
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	5.00	5.00	18,522	7,929	Y	Y
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Total			96,315	41,229		
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-14

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			BASF - Summary of All Products 2002 2001 Processed/Used (gals): 9,029 0 Density (lb/gal): Threshold (lbs) Volatiles: 10,000 onvolatiles 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds	1.00		3		N	Y
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	1.00		2,911		Y	Y
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers	1.00		11,141		Y	Y
Ethyl Acrylate					N	N
Ethylbenzene	1.00		428		Y	Y
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	1.00		591		Y	Y
Naphthalene	1.00		2,233		Y	Y
Nickel Compounds	1.00		6		N	Y
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	1.00		1,298		Y	Y
Zinc Compounds	1.00		586		Y	Y
1,2,4-Trimethylbenzene	1.00		1,966		Y	Y
Total			21,165			
NOTES						
(1)Concentrations From Yenkin-Majestic Personnel						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-15

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Valspar - Summary of All Products</u> <div style="display: flex; justify-content: space-around;"> 2002 2001 </div> Processed/Used (gals): 206,970 NA Avg. Density (lb/gal): 10.33 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration, Max. (1) (Weight %)		Quantity(1) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds	1		2,801		N	Y
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds	1		108,470	124,485	Y	Y
Cobalt Compounds	1		60		N	Y
Copper Compounds	1		38	39	N	Y
Cumene	1		3,927	5,780	N	Y
Cyanide Compounds					N	N
Dimethyl Phthalate	3.5		38		N	Y
Glycol Ethers	1		107,057	159,563	Y	Y
Ethyl Acrylate	0.01		0.14		N	N
Ethylbenzene	1		1,456	343	Y	Y
Formaldehyde	1		1,083	750	N	Y
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds	1		1,140		N	Y
Manganese Compounds	1		571	321	N	Y
Methyl Ethyl Ketone	1		3		N	Y
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol	1		58,330	34,580	Y	Y
Naphthalene	1		24,327	19,639	Y	Y
Nickel Compounds	1		1,849		N	Y
Nitric Acid					Y	N
sec-Butyl Alcohol	1		5,140	8,739	N	Y
Sulfuric Acid					N	N
Toluene	1		215	22	N	Y
Xylene	1		14,835	14,642	Y	Y
Zinc Compounds	1		5,204	6,470	Y	Y
1,2,4-Trimethylbenzene	1		83,082	115,814	Y	Y
Total			419,628	491,187		
NOTES (1)Maximum concentrations for any coating, or set at 1% to trigger for threshold determination. Quantities from Valspar 2002 report.						
FORMULAS (2)Total Processed x (Concentration/100).						

WORKSHEET B-16

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>Methyl Ethyl Ketone (Cleaning Solvent)</u> <div style="display: flex; justify-content: space-around;"> 2002 2001 </div> Processed/Used (gals): 490 490 Density (lb/gal): 7.51 7.51 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene					N	N
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers					Y	N
Ethyl Acrylate					N	N
Ethylbenzene					Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone	100.00	100.00	3,680	3,680	N	Y
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene					Y	N
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene					Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene					Y	N
Total			3,680	3,680		
NOTES						
(1)Concentrations From MSDS.						
FORMULAS						
(2)Total Processed x (Concentration/100).						

WORKSHEET B-17

WHEELING CORRUGATING CO. BEECH BOTTOM PLANT - 2002 SARA Title III - - Section 313 Reporting -			<u>CSI Solvesso 100 (Cleaning Solvent)</u> <div> 2002 2001 Processed/Used (gals): 21,126 21,000 Density (lb/gal): 7.51 7.51 <u>Threshold (lbs)</u> Volatiles: 10,000 Nonvolatiles: 25,000 </div>			
Section 313 Chemicals Contained in Coil Coating Line Supplies						
Section 313 Chemical	Concentration(1) (Weight %)		Quantity(a) of 313 Chemical (lbs)		Exceeds Threshold for Facility (Y or N)	Reportable Based on De-Minimis (Y or N)
	2002	2001	2002	2001		
Ammonia					N	N
Antimony Compounds					N	N
Arsenic Compounds					N	N
Cadmium Compounds					N	N
Chlorine					N	N
Chromium Compounds					Y	N
Cobalt Compounds					N	N
Copper Compounds					N	N
Cumene	1.50	1.50	2,380	2,366	N	Y
Cyanide Compounds					N	N
Dimethyl Phthalate					N	N
Glycol Ethers					Y	N
Ethyl Acrylate					N	N
Ethylbenzene					Y	N
Formaldehyde					N	N
Hydrochloric Acid					N	N
Hydrogen Fluoride					N	N
Lead Compounds					N	Y
Manganese Compounds					N	N
Methyl Ethyl Ketone					N	N
Methyl IsoButyl Ketone					N	N
Molybdenum Trioxide					N	N
n-Butyl Alcohol					Y	N
Naphthalene					Y	N
Nickel Compounds					N	N
Nitric Acid					Y	N
sec-Butyl Alcohol					N	N
Sulfuric Acid					N	N
Toluene					N	N
Xylene	0.50	0.50	793	789	Y	N
Zinc Compounds					Y	N
1,2,4-Trimethylbenzene	27.50	27.50	43,628	43,368	Y	Y
Total			46,801	46,522		
NOTES (1)Concentrations From Sunoco Solvent 100 MSDS (representative of several suppliers who produce this product to spec). FORMULAS (2)Total Processed x (Concentration/100).						

WORKSHEET B-18

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2001 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Coatings										
	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Valspar All Products (lbs)	BASF All Products (lbs)	Methyl Ethyl Ketone (lbs)	Solvesso 100 (lbs)	Total Quantity #1 CCL (lbs)	Total Quantity #2 CCL (lbs)	Total Quantity (lbs)
Ammonia											
Antimony Compounds											
Arsenic Compounds											
Cadmium Compounds											
Chlorine											
Chromium Compounds					124,485				124,485		124,485
Cobalt Compounds											
Copper Compounds					39				39		39
Cumene					5,780			2,366	8,146		8,146
Cyanide Compounds											
Dimethyl Phthalate											
Glycol Ethers	32,110	6,233		7,929	159,563				205,835		205,835
Ethyl Acrylate											
Ethylbenzene	2,973	1,787	48,437	1,586	343				55,126		55,126
Formaldehyde		447			750				1,197		1,197
Hydrochloric Acid											
Hydrogen Fluoride											
Lead Compounds											
Manganese Compounds					321				321		321
Methyl Ethyl Ketone							3,680		3,680		3,680
Methyl IsoButyl Ketone											
Molybdenum Trioxide											
n-Butyl Alcohol		3,351	48,437	15,857	34,580				102,226		102,226
Naphthalene	11,893	4,468		7,929	19,639				43,928		43,928
Nickel Compounds											
Nitric Acid											
sec-Butyl Alcohol					8,739				8,739		8,739
Sulfuric Acid											
Toluene					22				22		22
Xylene	11,893	5,138	48,437	7,929	14,642			789	88,828		88,828
Zinc Compounds	26,164	2,653			6,470				35,287		35,287
1,2,4-Trimethylbenzene			48,437		115,814			43,368	207,619		207,619
Totals	85,032	24,078	193,749	41,229	491,187		3,680	46,522	885,477		885,477

WORKSHEET B-19

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

2002 Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies

Section 313 Chemical	Coatings										
	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Valspar All Products (lbs)	BASF All Products (lbs)	Methyl Ethyl Ketone (lbs)	Solvesso 100 (lbs)	Total Quantity #1 CCL (lbs)	Total Quantity #2 CCL (lbs)	Total Quantity (lbs)
Ammonia											
Antimony Compounds					2,801	3			2,804		2,804
Arsenic Compounds											
Cadmium Compounds											
Chlorine											
Chromium Compounds					108,470	2,911			111,382		111,382
Cobalt Compounds					60				60		60
Copper Compounds					38				38		38
Cumene					3,927			2,380	5,907	400.0	6,307
Cyanide Compounds											
Dimethyl Phthalate					38				38		38
Glycol Ethers	32,802	2,587		18,522	107,057	11,141			131,942	40,167	172,109
Ethyl Acrylate					0				0		0.14
Ethylbenzene	3,037	742	34,473	3,704	1,456	428			16,027	27,814	43,841
Formaldehyde		185			1,083				1,268		1,268
Hydrochloric Acid											
Hydrogen Fluoride											
Lead Compounds					1,140				1,140		1,140
Manganese Compounds					571				571		571
Methyl Ethyl Ketone					3		3,680		3,683		3,683
Methyl IsoButyl Ketone											
Molybdenum Trioxide											
n-Butyl Alcohol		1,391	34,473	37,044	58,330	591			75,734	56,096	131,830
Naphthalene	12,149	1,854		18,522	24,327	2,233			33,562	25,523	59,086
Nickel Compounds					1,849	6			1,856		1,856
Nitric Acid											
sec-Butyl Alcohol					5,140				5,140		5,140
Sulfuric Acid											
Toluene					215				215		215
Xylene	12,149	2,132	34,473	18,522	14,835	1,298		793	36,269	47,935	84,204
Zinc Compounds	26,728	1,101			5,204	586			14,668	18,951	33,619
1,2,4-Trimethylbenzene			34,473		83,082	1,966		43,628	133,538	29,612	163,149
Totals	86,865	9,993	137,892	96,315	419,628	21,165	3,680	46,801	575,841	246,498	822,338

WORKSHEET B-20

**WHEELING CORRUGATING CO.
BEECH BOTTOM PLANT
2002 SARA TITLE III - SECTION 313 - RELEASE INVENTORY**

**Summary of Section 313 Chemicals Contained in Coil Coating Line Supplies
In Greater Than De-Minimis Concentrations**

Section 313 Chemical	Coatings										
	Yenkin Majestic E-1388 (lbs)	Yenkin Majestic P-9810 (lbs)	Yenkin Majestic E-2421 (lbs)	Yenkin Majestic E-2489 (lbs)	Valspar All Products (lbs)	BASF All Products (lbs)	Methyl Ethyl Ketone (lbs)	Solvesso 100 (lbs)	Total Quantity #1 CCL (lbs)	Total Quantity #2 CCL (lbs)	Total Quantity (lbs)
Ammonia											
Antimony Compounds					2,801	3			2,804		2,804
Arsenic Compounds											
Cadmium Compounds											
Chlorine											
Chromium Compounds					108,470	2,911			111,382		111,382
Cobalt Compounds					60				60		60
Copper Compounds					38				38		38
Cumene					3,927			2,380	5,907	400	6,307
Cyanide Compounds											
Dimethyl Phthalate					38				38		38
Glycol Ethers	32,802	2,587		18,522	107,057	11,141			131,942	40,167	172,109
Ethyl Acrylate											
Ethylbenzene	3,037	742	34,473	3,704	1,456	428			16,027	27,814	43,841
Formaldehyde		185			1,083				1,268		1,268
Hydrochloric Acid											
Hydrogen Fluoride											
Lead Compounds					1,140				1,140		1,140
Manganese Compounds					571				571		571
Methyl Ethyl Ketone					3		3,680		3,683		3,683
Methyl IsoButyl Ketone											
Molybdenum Trioxide											
n-Butyl Alcohol		1,391	34,473	37,044	58,330	591			75,734	56,096	131,830
Naphthalene	12,149	1,854		18,522	24,327	2,233			33,562	25,523	59,086
Nickel Compounds					1,849	6			1,856		1,856
Nitric Acid											
sec-Butyl Alcohol					5,140				5,140		5,140
Sulfuric Acid											
Toluene					215				215		215
Xylene	12,149	2,132	34,473	18,522	14,835	1,298			35,609	47,801	83,410
Zinc Compounds	26,728	1,101			5,204	586			14,668	18,951	33,619
1,2,4-Trimethylbenzene			34,473		83,082	1,966		43,628	133,538	29,612	163,149
Totals	86,865	9,993	137,892	96,315	419,628	21,165	3,680	46,008	575,181	246,364	821,545